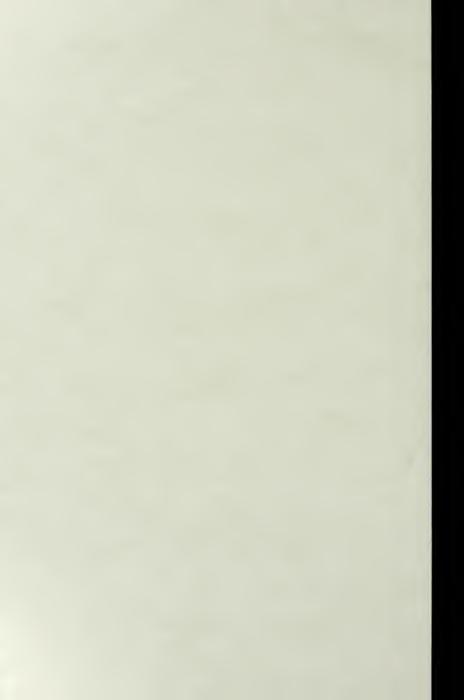
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ILLINOIS DEPARTMENT OF CONSERVATION DIVISION OF FISHERIES APRIL, 1988

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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

1987

INVENTORY OF ILLINOIS SURFACE WATER RESOURCES



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1987 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES

INTRODUCTION

The first Illinois surface water inventory was published by the Division of Fisheries in February 1964 as Special Fisheries Report Number 1. District biologists collected the data for this first inventory from aerial photographs on file in each county Agricultural Stabilization and Conservation Service office, from interviews with county Soil Conservation Service personnel and from data in their own district files.

The original 1964 survey was updated and published in 1972, 1978, 1982 and 1985.

this 1987 Inventory of Illinois Surface Water Resources is a supplement to these earlier surveys and serves to update the surface water inventory to include all waters in the state as of December 31, 1987. The basis for this update is the "new impoundment construction data" collected for each county by the district fisheries managers and published annually. At the end of each year, the biologists contact each county Soil Conservation Service office, as well as other agencies, and compile a list of all new impoundments built during the past year for each county. The data collected includes the size of the new impoundment in acres and the ownership classification.

Classification of Surface Waters

Surface waters are permanent, open bodies of water 0.1 acre or larger. They are separated from wetlands by their permanence and by their general lack of emergent woody or graminoid vegetation. There are four subclasses: Lake Michigan, Reservoir, Impoundment, and Stream.

Lake Michigan:

Only about 7% of Lake Michigan is within the State of Illinois' jurisdiction and only that portion which is in Illinois is included in this inventory.

Reservoirs:

This classification includes only the three Corps of Engineers reservoirs (Carlyle, Rend and Shelbyville).

Impoundments:

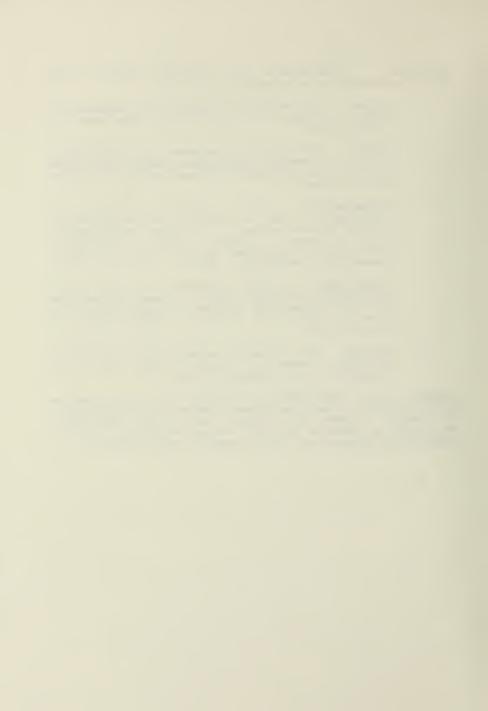
This classification includes all standing bodies of water (lakes and ponds) constructed by artificial means or formed by nature, except Lake Michigan and the three Corps

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reservoirs. Impoundments are further divided into categories according to ownership as follows:

- <u>State</u>: This category includes all impoundments owned or leased by the Illinois Department of Conservation.
- <u>Public</u>: This category includes all impoundments owned or leased by a government agency, other than the Illinois Department of Conservation, that have public access.
- 3 <u>Organization</u>: This category includes all impoundments owned or leased by any organization of six or more members. Included are sportsmen clubs, scouts, church, civic, fraternal, associations, homeowner groups, country clubs, industrial, institutions, etc.
- 4. <u>Commercial</u>: This category includes all impoundments privately owned or leased for which a fee is charged for fishing. These areas are licensed by the Illinois Department of Conservation.
- 5. <u>Private</u>: This category includes all impoundments privately owned or leased which are not organizations or commercial areas.

<u>Streams</u>: This classification includes all flowing waters such as canals, creeks and rivers, regardless of ownership or leasing. Streams are further divided into four width categories as measured by their average width in a county. Intermittent streams are not included in the inventory.



ILLINOIS SURFACE WATER RESOURCES (1987)* TABLE 1.

STATEWIDE SUMMARY

111 111				- 1
ter Resource	Category	N		Total
Lake Michigan (III. portion only)			976,640.0	976,640.0
Reservoirs		æ	54,580.0	54,580.0
Impoundments:	State Public Organization Commercial Private		33,334.5 77,856.3 24,889.4 3,045.2 111,660.5	
	Total	85,709	250,785.9	250,785.9
		Miles		
Streass	0 - 20 ft. wide 21 - 100 ft. wide 101 - 300 ft. wide 301 plus ft. wide	4,915.4 5,916.5 992.4 1,379.7	7,159.0 29,884.0 17,753.0 201,778.0	
	Total	13,204.0	256,574.0	256,574.0
GRAND TOTAL SURFACE	MATER ACREAGE			1,538,579.9
* As of December 31, 1987	======================================	H H H H H H H H H		H H H H H H H H H H H H H H H H H H H

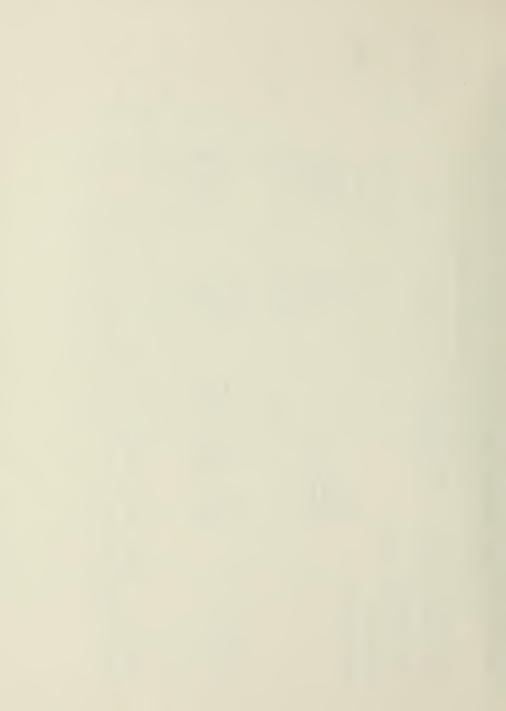
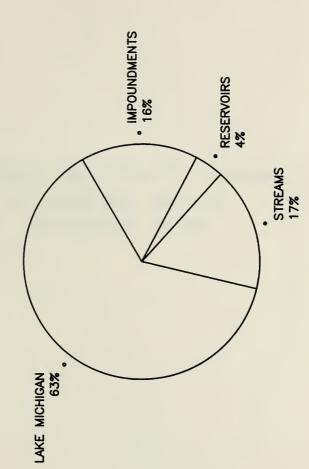


FIG.1. SURFACE WATER ACREAGE BY WATER TYPE



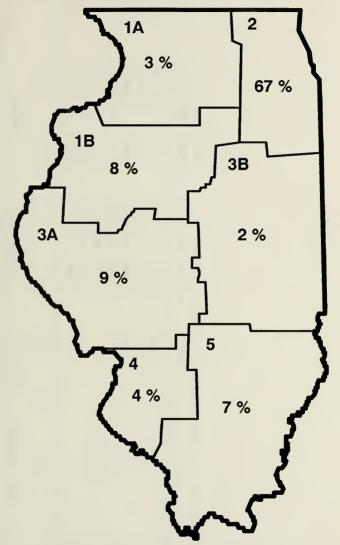
TOTAL=1,538,579.9 ACRES



REGIONAL AND COUNTY SUMMARY OF SURFACE WATERS BY WATER TYPES



FIG.2. SURFACE WATER ACREAGE BY REGION



TOTAL = 1,538,579.9 ACRES



TABLE 2. Number (or Miles) and Acres of Surface Waters by Water Type (1987).

REGION SUMMARY

	LAKE MICHIGAN	RE	RESERVOIRS	IMPOU	IMPOUNDMENTS	STR	STREAMS	
REGION	Acres	0 2	Acres	N .	Acres	Miles	Acres	TOTAL ACRES
1-A				1,689	 1,689 10,812.9	1,835.7	1,835.7 38,772.0	49,584.9
1-B	-	-		10,025	10,025 46,721.0	2,639.9	2,639.9 69,454.0	116,175.0
2	976,640.0	-		5,836	39,781.5	1,635.4	1,635.4 18,835.0	1,035,256.5
3-В	-	-		18,393	58,220.2	2,427.2	2,427.2 73,385.0	131,605.2
3-В	-	-	11,100.0	5,599	5,599 19,801.7	1,676.1	1,676.1 6,978.0	37,879.7
4		-	19,780.0	10,394	10,394 19,671.8	812.0	20,137.0	59,588.8
5	-	-	23,700.0	33,773	55,776.8	2,177.7	29,013.0	108,489.8
Total	976,640.0	:: E	3 54,580.0 85,709 250,785.9	======== 85,709	======================================	13,204.0	======================================	1,538,579.9
							:===========	=======================================

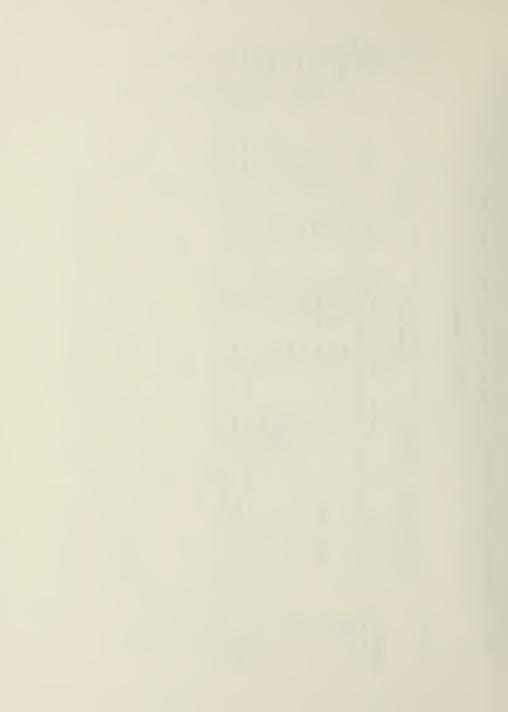


TABLE 2a. Number (or Miles) and Acres of Surface Waters by Water Type (1987).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

	LAKE MICHIGAN RESERVOIRS	======= RESE	II II	IMPOUN	IMPOUNDMENTS	II	======================================	=======================================
		1						TOTAL
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES
			II II	========				
Boone				118	543.5	134.7	349.0	892.5
Carrol1				149	4,929.3	175.3	9,521.0	14,450.3
DeKalb				180	611.2	249.8	617.0	1,228.2
JoDaviess				183	1,516.0	190.8	9,892.0	11,408.0
Lee				400	759.9	190.0	2,781.0	3,540.9
Ogle				157	289.4	200.5	3,072.0	3,361.4
Stephenson				137	268.3	152.1	0.668	1,107.3
Whiteside				154	831.4	321.2	8,610.0	9,441.4
Winnebago				211	1,063.9	221.3	3,091.0	4,154.9
Tota1				1,689	1,689 10,812.9	1,835.7 38,772.0	1,835.7 38,772.0	49,584.9

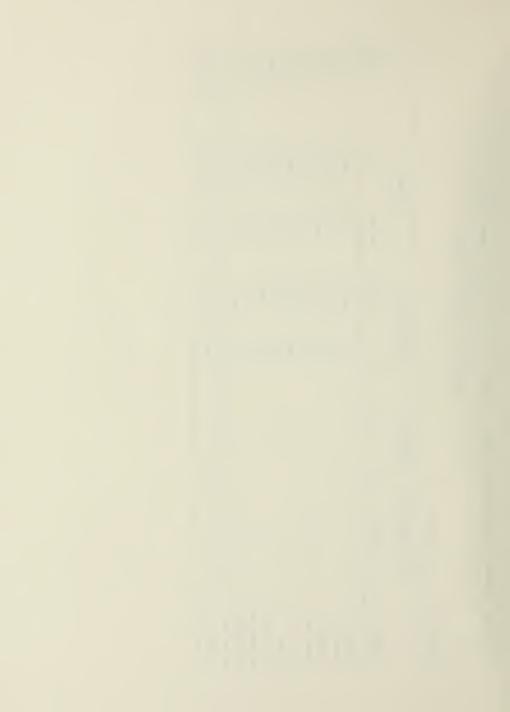
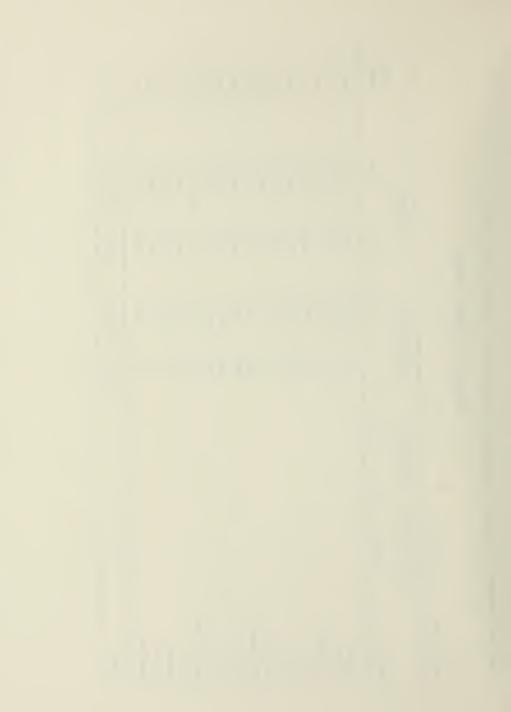


TABLE 2b. Number (or Miles) and Acres of Surface Waters by Water Type (1987).

REGION 18 - COUNTY SUMMARY

REGION 1B <16 Counties>

	LAKE MICHIGAN RESERVOIRS	RESE	======================================	IMPOU	======================================	======== STR	======================================	
COUNTY	Acres	N .	Acres	N N	Acres	Miles	Acres	TOTAL ACRES
Bureau		 	 	=======================================	256 2,220.5	=======================================	======================================	3,684.5
Fulton				2,715	_	310.2	3,122.0	15,116.9
Henderson				303	1,039.7	131.0	12,110.0	13,149.7
Henry				425	0.668	196.6	1,964.0	2,863.0
Knox				1,600	2,384.0	176.3	577.0	2,961.0
LaSalle				641	3,498.7	223.0	5,843.0	9,341.7
Marshall				146	6,116.5	90.0	2,706.0	8,822.5
McDonough				632	7.797	121.0	270.0	1,067.7
Mercer				581	1,485.2	167.5	6,910.0	8,395.2
Peoria				982	1,611.7	158.7	496.0	2,107.7
Putnam				111	7,252.1	20.4	914.0	8,166.1
Rock Island				318	783.2	237.9	15,912.0	16,695.2
Stark				94	190.4	103.4	287.0	477.4
Tazewel1				472	4,212.7	186.0	3,340.0	7,552.7
Warren				332	728.3	137.6	574.0	1,302.3
Woodford				417	1,506.4	100.1	12,965.0	14,471.4
				10,025	.=====================================	2,639.9	======================================	116.175.0



Number (or Miles) and Acres of Surface Waters by Water Type (1987). TABLE 2c.

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

		========= RESERUU	======================================	======================================		:=========	CTDFOMS	
								TOTAL
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES
Cook	429,722.0			1,285	1,285 7,817.4	409.4	3,708.0	441,247.4
DuPage				599	1,353.6	1111.1	574.0	1,927.6
Grundy				249	4,293.1	158.9	2,931.0	7,224.1
Kane				496	881.4	194.9	1,534.0	2,415.4
Kankakee				150	529.3	89.7	1,877.0	2,406.3
Kendall				173	255.3	81.1	1,189.0	1,444.3
Lake	546,918.0			1,019	13,807.3	221.5	1,025.0	561,750.3
McHenry				802	4,098.5	157.9	1,183.0	5,281.5
Will				1,060	6,745.6	210.9	4,814.0	11,559.6
Total	Total 976,640.0			5,836	39,781.5	11 1	1,635.4 18,835.0	1,035,256.5
			 - - - - -					

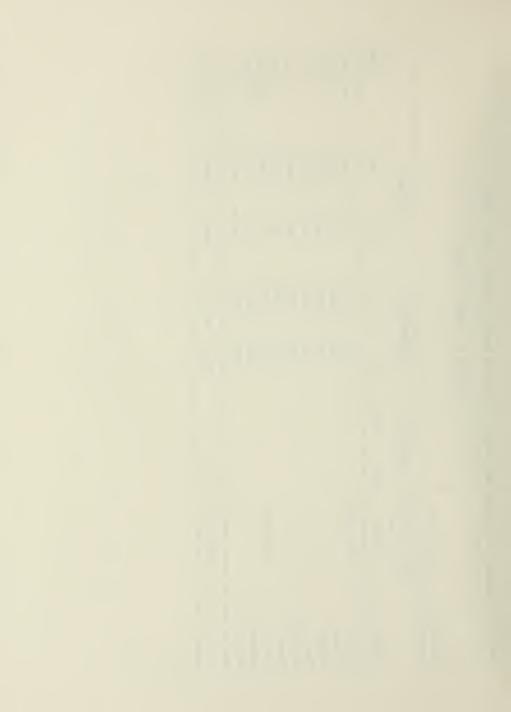
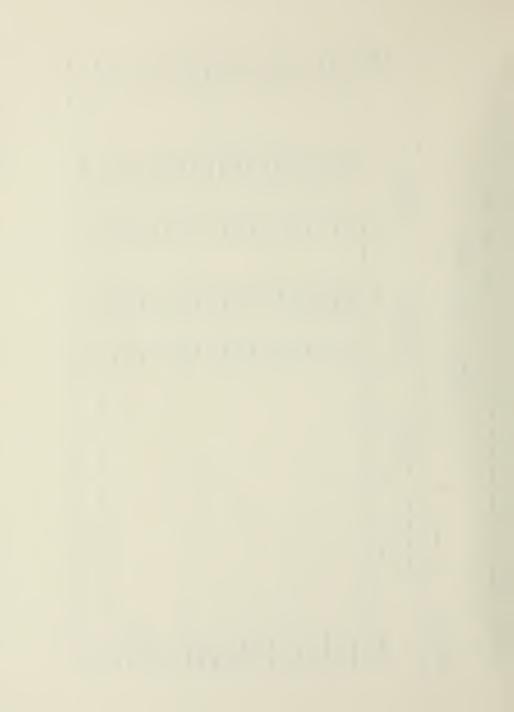


TABLE 2d. Number (or Miles) and Acres of Surface Waters by Water Type (1987).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

 		RESE	======================================	IMPOUNDMENT	======================================	STREAMS	======================================	
COUNTY	Heres		Acres	0 2	Acres	Miles	Heres	TOTAL ACRES
Adams		 	 	2,527	2,527 2,646.3	207.2	207.2 8,748.0	11,394.3
Brown				1,041	1,036.7	96.7	328.0	1,364.7
Calhoun				544	4,210.5	105.8	18,623.0	22,833.5
Cass				504	4,514.1	104.0	2,743.0	7,257.1
Christian				373	4,447.1	118.1	474.0	4,921.1
Greene				1,274	1,148.6	119.6	4,469.0	5,617.6
Hancock				1,226	784.3	211.6	13,443.0	14,227.3
Jersey				994	2,152.2	91.8	6,518.0	8,670.2
Logan				173	377.3	140.5	605.0	982.3
Macoupin				2,758	4,372.9	139.7	320.0	4,692.9
Mason				301	14,226.4	73.0	1,757.0	15,983.4
Menard				309	455.3	89.3	785.0	1,240.3
Montgomery				1,113	4,829.5	119.8	420.0	5,249.5
Morgan				872	2,811.2	106.6	937.0	3,748.2
Pike				1,986	2,713.0	245.9	9,457.0	12,170.0
Sangamon				955	5,439.3	247.5	1,156.0	6,595.3
Schuyler				1,002	1,460.0	106.6	401.0	1,861.0
Scott				441	595.5	113.5	2,201.0	2,796.5
lotal	 		 	18,393	58,220.2	2,427.2	73,385.0	131,605.2
					==========		=======================================	

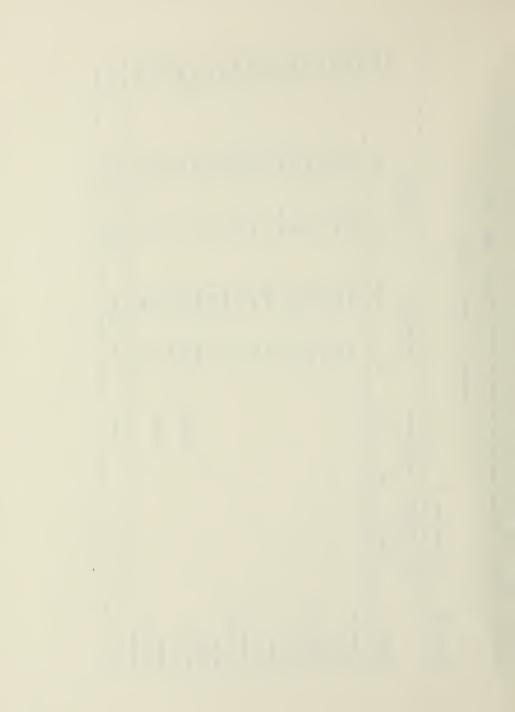


Number (or Miles) and Acres of Surface Waters by Water Type (1987). TABLE 2e.

REGION 38 - COUNTY SUMMARY

REGION 38 (16 Counties)

	======================================	II	======================================	======= IMPOU	======================================		======================================	
COUNTY	Acres	0 2	Acres	 0 Z 	Acres	Miles	Acres	HCRES
Champaign				131	131 418.0	120.8	374.0	792.0
Clark				1,146	1,733.9	89.0	651.0	2,384.9
Coles				276	903.2	106.7	492.0	1,395.2
Cumberland				801	699.0	110.3	268.0	967.0
DeWitt				217	5,225.5	86.0	215.0	5,440.5
Douglas				151	257.1	87.4	304.0	561.1
Edgar				245	466.5	98.4	161.0	627.5
Ford				90	189.6	40.5	106.0	295.6
Iroquois				141	543.5	148.5	923.0	1,466.5
Livingston				395	688.7	119.4	936.0	1,624.7
Macon				174	3,348.8	95.5	326.0	3,674.8
McLean				569	2,139.4	177.6	552.0	2,691.4
Moultrie		-	5,550.0	239	237.1	27.3	75.0	5,862.1
Piatt				81	174.3	73.4	274.0	448.3
Shelby		1	5,550.0	683	894.8	131.1	318.0	6,762.8
Vermilion				260		164.2		2,885.3
Total		-	1 11,100.0	5,599	5,599 19,801.7 1,676.1 6,978.0	1,676.1		37,879.7
							l	



Number (or Miles) and Acres of Surface Waters by Water Type (1987). TABLE 2f.

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

	LAKE MICHIGAN	RE	n RESERVOIRS	IMPOUNDMEN	IMPOUNDMENTS	STREAM	STREAMS	
								TOTAL
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES
			:======================================				===========	=======================================
Bond		1	850.0	1,305	2,055.6	58.1	247.0	3,152.6
Clinton		1	1 18,930.0	950	906.6	141.4	744.0	20,480.6
Madison				2,171	6,436.8	166.9	5,145.0	11,581.8
Monroe				1,591	1,926.3	103.6	5,159.0	7,085.3
Randolph				1,337	2,887.9	141.8	6,044.0	8,931.9
St. Clair				1,555	3,856.0	123.6	2,277.0	6,133.0
Washington				1,485	1,702.6	9.92	521.0	2,223.6
			.=====================================		 10,394 19,671.8	812.0	812.0 20,137.0	=======================================
		=====						

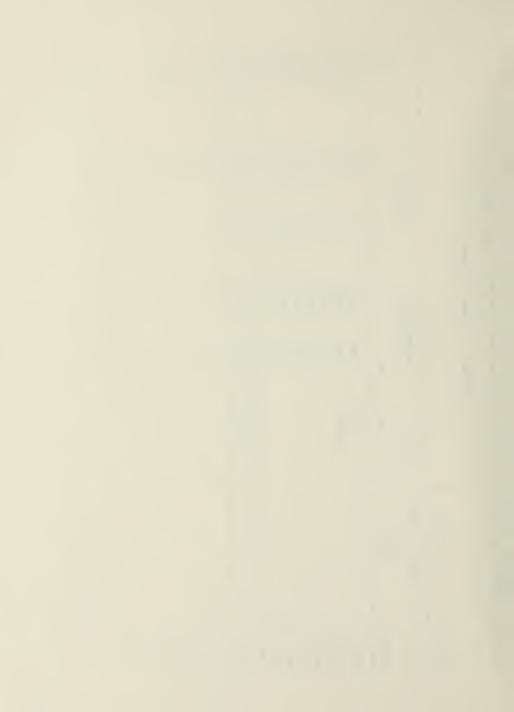


TABLE 2g. Number (or Miles) and Acres of Surface Waters by Water Type (1987).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

	LAKE MICHIGAN	RES	RESERVOIRS	IMPOU	IMPOUNDMENTS	STRE	STREAMS	
COUNTY	Acres	0 2	Borres -	 	Acres		- G	TOTAL
Alexander				883	2,309.3	127.7	7,599.0	9,908.3
Clay				1,131	846.1	143.7	430.0	1,276.1
Crawford				1,281	954.9	115.5	1,089.0	2,043.9
Edwards				780	475.2	13.8	111.0	586.2
Effingham				1,025	1,279.6	100.3	180.0	1,459.6
Fayette		1	4,800.0	1,268	1,802.3	113.2	722.0	7,324.3
Franklin		-	10,800.0	1,678	2,262.7	58.0	252.0	13,314.7
Gallatin				452	644.4	60.5	1,273.0	1,917.4
Hamilton				1,574	889.5	67.5	181.0	1,070.5
Hardin				208	432.5	23.1	102.0	534.5
Jackson				1,516	5,027.0	132.6	4,127.0	9,154.0
Jasper				1,285	2,627.2	103.4	727.0	3,354.2
Jefferson		}	8,100.0	2,323	1,555.9	62.0	147.0	9,802.9
Johnson				1,774	2,969.3	104.5	216.0	3,185.3

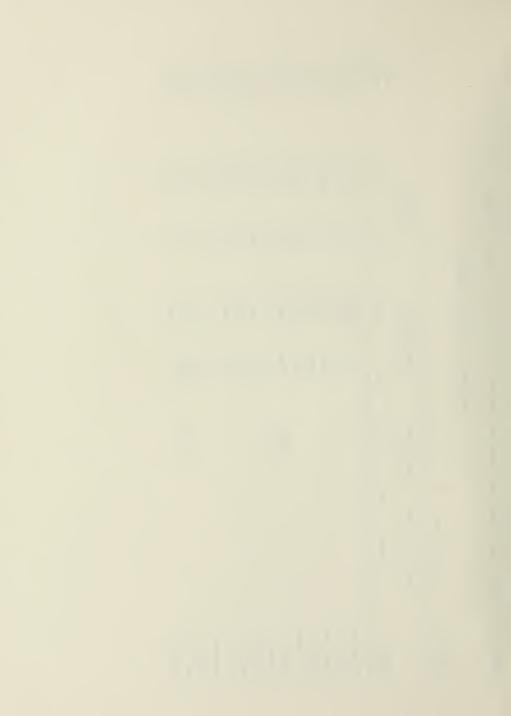
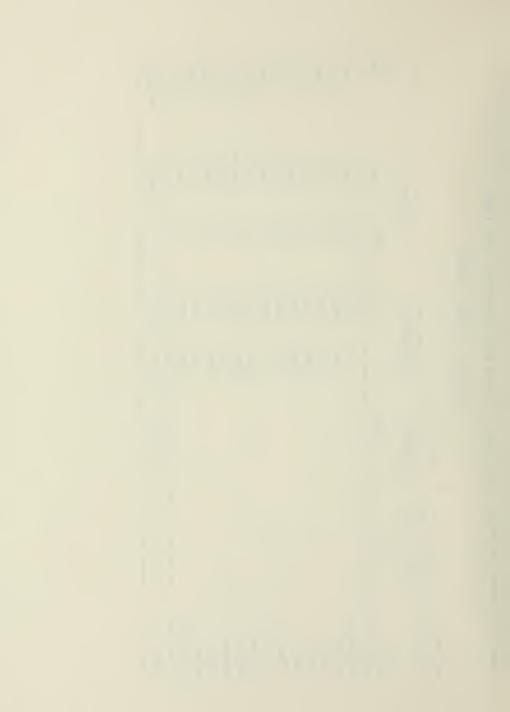


TABLE 2g. Number (or Miles) and Acres of Surface Waters by Water Type (1987).

REGION 5 - COUNTY SUMMARY

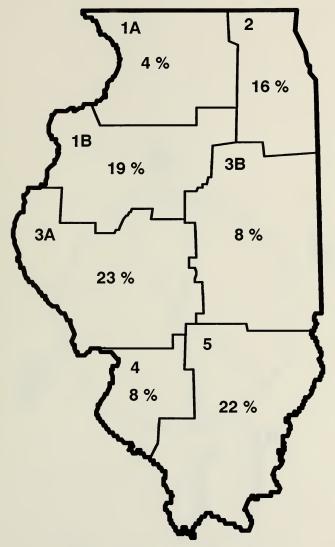
REGION 5	(27 Counties) - continued	υ I						
	LAKE MICHIGAN RESERVOIRS	RE	ii II	IMPOUNDMENTS	 	STR	======================================	STREAMS
								TOTAL
COUNTY	Acres	No.	Acres	No.		Miles	Acres	ACRES
Lawrence				753	693.7	94.3	1,494.0	2,187.7
Marion				1,771	3,091.2	64.3	125.0	3,216.2
Massac				938	1,298.5	20.0	0.98	1,384.5
Perry				1,500	2,191.2	80.1	205.0	2,396.2
Pope				1,058	918.2	78.3	196.0	1,114.2
Pulaski				816	623.9	25.4	107.0	730.9
Richland				911	1,902.0	42.6	144.0	2,046.0
Saline				1,257	2,375.9	83.5	252.0	2,627.9
Union				2,084	3,193.3	65.3	3,014.0	6,207.3
Wabash				202	344.5	76.3	2,259.0	2,603.5
Mayne				2,250	1,634.8	112.0	422.0	2,056.8
White				688	984.6	133.8	3,274.0	4,258.6
Williamson				2,019	12,449.1	76.0	279.0	12,728.1
Total		-	23,700.0	33,773	33,773 55,776.8	2,177.7	2,177.7 29,013.0	108,489.8
 		 					:	



REGIONAL AND COUNTY SUMMARY OF IMPOUNDMENTS BY OWNERSHIP CATEGORY



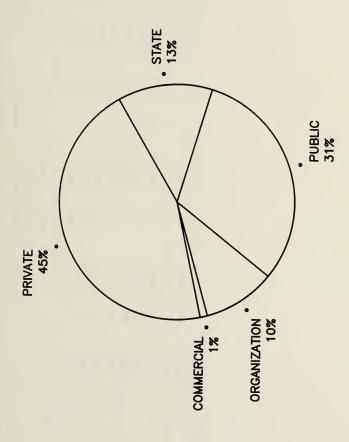
FIG.3. IMPOUNDMENT ACREAGE BY REGION



TOTAL = 250,785.9 ACRES



FIG. 4. IMPOUNDMENT ACREAGE BY OWNERSHIP CATEGORY



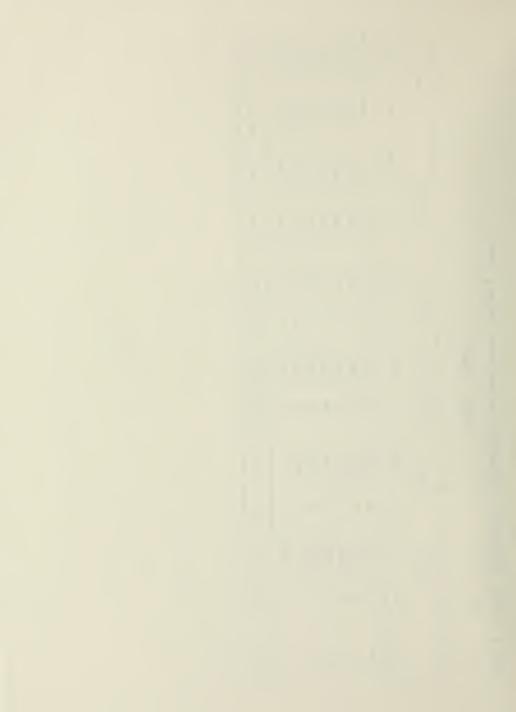
TOTAL=250,785.9 ACRES



Number and Acres of Impoundments by Ownership Category (1987). TABLE 3.

REGION SUMMARY

	11		11				1 1 1 1					
		State		Public	Orgar	Organization	Сощ	Commercial	Pri	Private		
Region		Acres No.	, 0 2	Acres	, 0 2	No. Acres No. Acres	, 0 2	Acres	N .	Hcres	0 N	Acres
1-A	12	12 635.7 26 4,896.8	26	4,896.8	58	2,301.7	21	217.6	1,572	58 2,301.7 21 217.6 1,572 2,761.1 1,689 10,812.9	1,689	10,812.9
1-8	27	27 10,628.4 45 9,236.3	45	9,236.3	401	401 4,083.1 64	64	645.7	9,488	9,488 22,127.5 10,025 46,721.0	10,025	46,721.0
2	51	51 2,685.5 281 11,758.6	281	11,758.6	927	927 11,586.0	91	376.3	4,486	376.3 4,486 13,375.1 5,836 39,781.5	5,836	39,781.5
Э-В	25	25 4,535.9 98 23,114.4	86	23,114.4	134	134 2,220.5	97	591.7	18,039	591.7 18,039 27,757.7 18,393 58,220.2	18,393	58,220.2
3-8	4	44 5,598.0 90 7,426.6	90	7,426.6	177	177 1,263.6	37	170.5	5,251	170.5 5,251 5,343.0 5,599 19,801.7	5,599	19,801.7
4	~	7 2,721.3 30 1,655.9	30	1,655.9	172	172 1,530.1 122	122	707.4	10,063	707.4 10,063 13,057.1 10,394 19,671.8	10,394	19,671.8
S	64	64 6,529.7 106 19,767.7	106	19,767.7	123	123 1,904.4 75	75		33,405	336.0 33,405 27,239.0 33,773 55,776.8	33,773	55,776.8
Total	230	33,334.5	676	77,856.3	1,992	24,889.4	505	3,045.2	82,304	230 33,334.5 676 77,856.3 1,992 24,889.4 507 3,045.2 82,304 111,660.5 85,709 250,785.9	85,709	250, 785.9
							1 1 1 1					



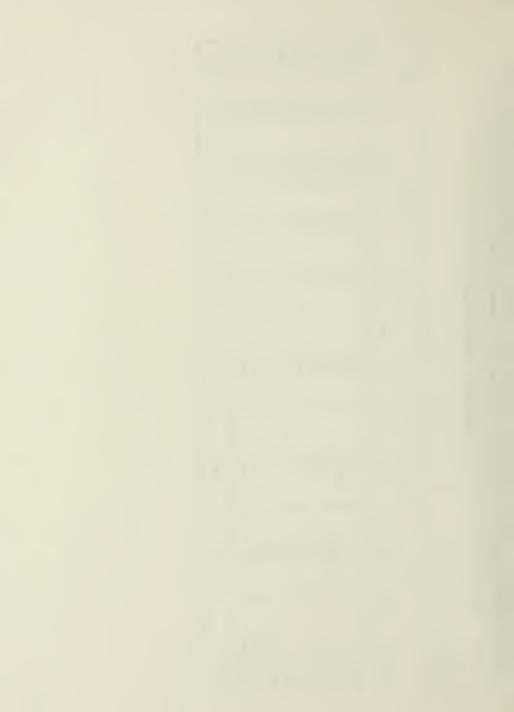
Number and Acres of Impoundments by Ownership Category (1987). TABLE 3a.

REGION 1A - COUNTY SUMMARY

(9 Counties)

REGION 1A

759.9 289.4 268.3 831.4 Acres 543.5 1,516.0 1,063.9 1689 10,812.9 4,929.3 611.2 Total 149 118 180 183 400 157 137 154 Š 211 186.4 2,761.1 Acres 114.5 392.0 614.0 210.9 299.3 353.6 369.7 220.7 Private 1572 148 Š. 109 143 165 176 989 132 138 172 1.0 9.8 24.0 0.0 15.5 217.6 Acres 38.7 0.0 57.4 72.4 Commercial 21 No. Acres 600.0 28.0 621.0 88.5 79.0 2,301.7 10.0 41.5 425.6 408.1 Organization 28 . No 8 e S 22 4,896.8 3.8 503.0 0.0 0.0 4.0 367.5 66.1 Acres 3,950.0 Public 56 0 10 Š. 0 Acres 1.0 0.0 0.0 0.0 43.4 635.7 320.0 107.6 163.7 State _______ . No 12 0 Stephenson JoDaviess Whiteside Winnebago Carrol1 County DeKa1b Boone Total Ogle Lee

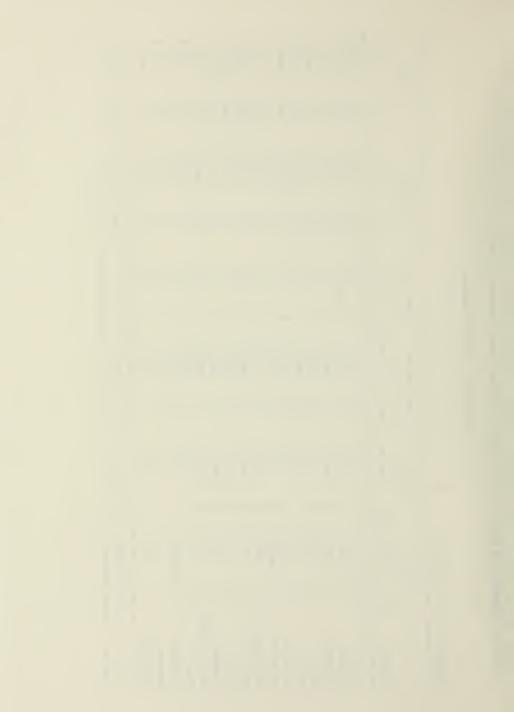


Number and Acres of Impoundments by Ownership Category (1987). TABLE 3b.

REGION 18 - COUNTY SUMMARY

REGION 1B (16 Counties)

		======================================		Public	Organ	organization	Comr		Pri	======================================		
County	0 2	Acres	, 0 Z	Acres	, 0 Z	Acres	O.	Acres	S O V	Acres	N .	Acres
Bureau	4	564.0	-	724.5	16	223.2	0	0.0	235	708.8	256	2,220.5
Fulton	2	2,746.8	2	295.4	131	771.6	18	523.1	2557	7,658.0	2715	11,994.9
Henderson	-	27.0	2	144.7	1	375.0	0	0.0	299	493.0	303	1,039.7
Henry	8	67.5	2	6.5	45	212.7	0	0.0	370	612.3	425	0.668
Knox	0	0.0	-	132.5	114	577.0	1	19.5	1484	1,655.0	1600	2,384.0
LaSalle	0	0.0	2	70.2	13	397.2	4	11.0	622	3,020.3	641	3,498.7
Marshall	e	3,869.0	0	0.0	ß	254.5	0	0.0	138	1,993.0	146	6,116.5
McDonough	-	95.1	4	285.9	c	7.3	е	5.0	621	404.4	632	7.767
Mercer	0	0.0	æ	627.0	co	190.0	4	38.0	571	630.2	581	1,485.2
Peoria	0	0.0	S	35.1	22	154.6	9	7.7	946	1,414.3	985	1,611.7
Putnam	0	0.0	S	6,669.0	4	130.5	4	0.8	98	451.8	111	7,252.1
Rock Island	0	0.0	5	171.4	1	55.0	8	12.4	304	544.4	318	783.2
Stark	0	0.0	0	0.0	1	25.0	0	0.0	93	165.4	94	190.4
Tazewel1	8	3,259.0	9	30.5	30	352.2	~	15.4	421	555.6	472	4,212.7
Warren	0	0.0	-	13.6	m	322.9	0	0.0	328	391.8	332	728.3
Woodford	0	0.0	-	30.0	9	34.4	6	12.8	401	1,429.2	417	1,506.4
Total	27	27 10,628.4 ====================================	4 5	9,236.3	401	4,083.1	64	645.7	9,488	22,127.5	10,025	46,721.0



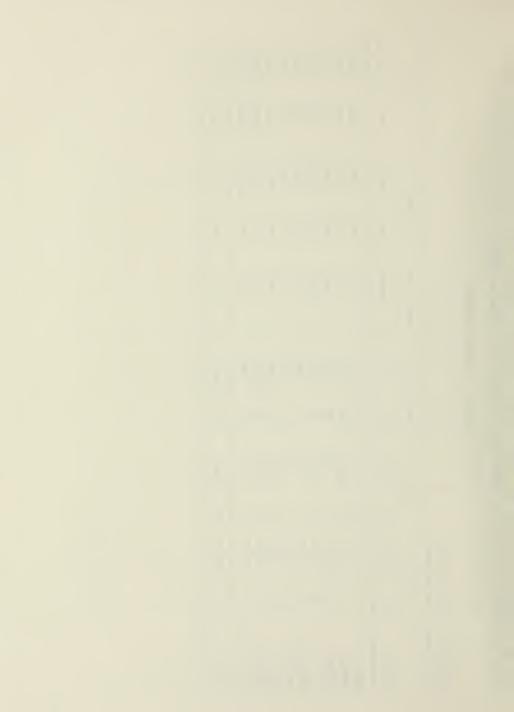
Number and Acres of Impoundments by Ownership Category (1987). TABLE 3c.

REGION 2 - COUNTY SUMMARY

(9 Counties)

REGION 2

		State		Public	Organ	Organization	Com	Commercial	Pri	Private		Total
County	, 0 2	Acres No.	, oZ	Acres	0 2	i	0 2	Acres No. Acres		Acres	N O N	Acres
Cook		434.2	130	4 434.2 130 4,637.5	292	1,258.6	11	36.5	848	1,450.6	======================================	7,817.4
DuPage	0	0.0	69	426.3	158	158 497.8 9	6	13.1	963		599	
Grundy	12	1,974.5	0	0.0	89	850.1	2	60.0	146	1,408.5	249	
Kane	0	0.0	11	117.9	63	281.4	44	36.2	378	445.9	496	
Kankakee	0	0.0	2	9.5	11	138.6	2	27.5	132	353.7	150	
Kendal 1	10	26.3	2	3.9	12	48.8	0	0.0	149	176.3	173	255.3
Lake	15	84.7	54	6,223.8	127	5,029.3	4	28.6	819	2,440.9	1019	1019 13,807.3
McHenry	8	75.5	5	323.4	38	2,662.7	10	22.6	744	1,014.3	802	805 4,098.5
Will	2	90.3	8	16.3	137	818.7	9	151.8	206	5,668.5	1060	1060 6,745.6
========= Total	51	2,685.5	II .	281 11,758.6	927	927 11,586.0	91	======== 376.3	4,486	13,375.1	5,836	39,781.5

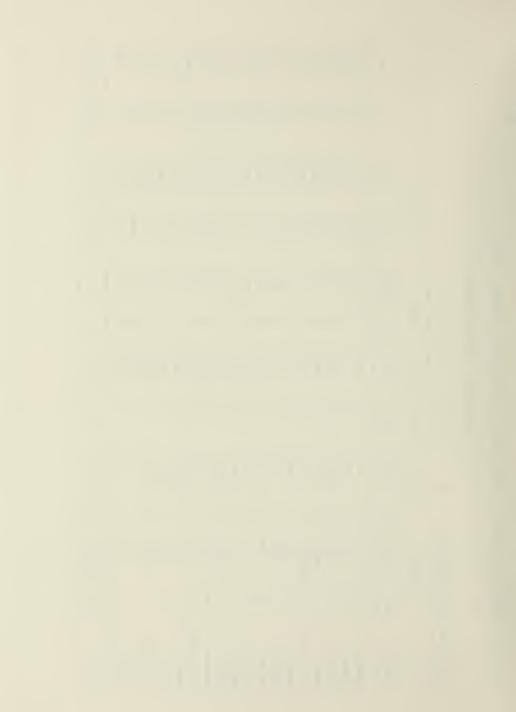


Number and Acres of Impoundments by Ownership Category (1987). TABLE 3d.

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

		State		Public	Organ	Organization	Com	Commercial	Pri	Private		Total
County	. I O I	Acres	. 0 2	Acres	. o N	Acres	. O	Acres	0 2	Acres	. 0 Z	Acres
Adams	-	58.0	~	30.6	8	92.0		98.5	2506	2,367.2	2527	2,646.3
Brown	0	0.0	1	26.1	0	0.0	9	4.5	1037	1,006.1	1041	1,036.7
Calhoun	0	0.0	10	2,943.1	18	638.4	0	0.0	516	629.0	544	4,210.5
Cass	0	0.009	2	627.0	1.1	32.0	2	4.0	489	3,251.1	504	4,514.1
Christian	m	2,551.1	10	1,402.1	5	70.0	~	73.4	348	350.5	373	4,447.1
Greene	0	0.0	S	103.7	8	18.5	2	7.7	1259	1,018.7	1274	1,148.6
Hancock	1	12.6	S	78.0	1	0.3	2	50.0	1217	643.4	1226	784.3
Jersey	0	0.0	8	1,369.1	4	34.8	15	59.8	296	688.5		2,152.2
Logan	0	0.0	0	0.0	~	121.8	10	81.9	156	173.6	173	377.3
Macoupin	1	56.6	4	1,439.6	56	403.4	23	121.7	2694	2,351.6	2758	4,372.9
Mason	17	1,103.3	2	5,947.5	2	52.9	1	0.5	276	7,122.2	301	14,226.4
Menard	0	0.0	Э	2.2	4	208.2	0	0.0	305	244.9	309	455.3
Montgomery	0	0.0	9	2,740.3	10	50.3	9	12.0	1001	2,026.9	1113	4,829.5
Morgan	0	0.0	~	1,857.5	8	166.8	2	4.7	855	782.2	872	2,811.2
Pike	0	0.0	2	257.1	-	33.8	4	45.0	1979	2,380.1	1986	2,713.0
Sangamon	1	150.5	12	4,286.7	16	82.1	15	31.0	911	889.0	955	5,439.3
Schuyler	1	3.8	-	3.8	2	19.7	0	0.0	866	1,432.7	1002	1,460.0
Scott	0	0.0	0	0.0	Э	195.5	0	0.0	438	400.0	441	595.5
			0									
lotal	C 7	4,030.9	96	98 23,114.4	134	2,220.3	7.6	7.160	18,039	7.767,72	18,393	38,220.2



Number and Acres of Impoundments by Ownership Category (1987). TABLE 3e.

REGION 38 - COUNTY SUMMARY

REGION 38 (16 Counties)

		State		Public	Organ	Organization	Com	Commercial	Pri	Private		Total
County	0	Acres	, 0 N	Acres	, 0 Z	Acres	0 1	Acres	N O V	Acres	N N	Acres
Champaign	0	0.0	11	134.1	15	106.4	5	22.0	100	155.5	131	418.0
Clark	-	145.6	Э	815.1	2	19.6	0	0.0	1135	753.6	1146	1,733.9
Coles	2	17.6	5	627.0	-	3.0	0	0.0	268	255.6	276	903.2
Cumberland	0	0.0	Э	340.2	4	16.2	1	4.0	793	338.6	801	699.0
DeWitt	2	5,029.4	4	14.5	10	19.7	E	5.0	198	156.9	217	5,225.5
Douglas	-	58.7	0	0.0	m	46.3	0	0.0	147	152.1	151	257.1
Edgar	0	0.0	2	219.5	m	9.0	0	0.0	240	238.0	245	466.5
Ford	0	0.0	0	0.0	S	30.0	-	5.0	84	154.6	90	189.6
Iroquois	0	0.0	7	1.0	10	270.3	4	41.0	126	231.2	141	543.5
Livingston	0	0.0	E	9.1	4	8.0	S	21.6	383	650.0	395	688.7
Macon	0	0.0	9	3,101.2	5	16.2	1	1.0	162	230.4	174	3,348.8
McLean	-	158.0	2	1,347.7	15	94.9	8	52.3	540	486.5	269	2,139.4
Moultrie	-	0.7	26	46.1	10	26.4	0	0.0	202	163.9	239	237.1
Piatt	0	0.0	~	24.1	Э	2.5	-	1.3	20	146.4	81	174.3
Shelby	2	3.5	5	523.3	5	23.7	4	6.3	664	338.0	683	894.8
Vermilion	31	184.5	6	223.7	22	571.4	4	11.0	139	891.7	260	1,882.3
_======== Total	= 4 = 4	5,598.0	800	7,426.6	177	1,263.6	37	170.5	5,251	5,343.0	5,599	19,801.7

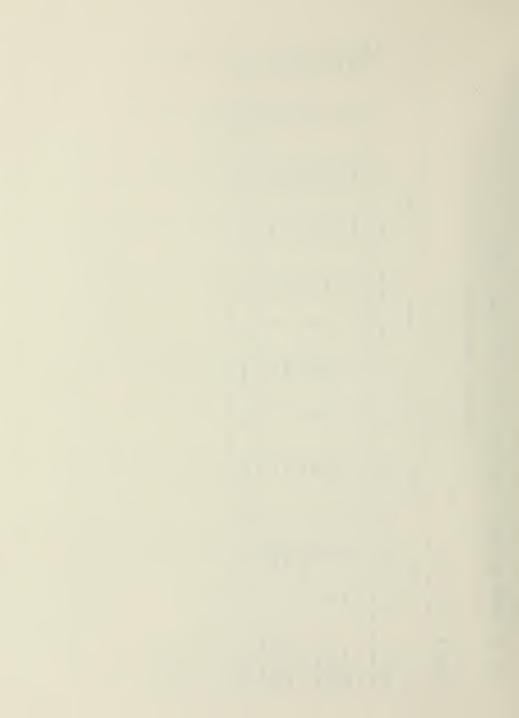


TABLE 3f. Number and Acres of Impoundments by Ownership Category (1987).

REGION 4 - COUNTY SUMMARY

REGION 4 <7 Counties>

		State		Public	Organ	======================================		Commercial	Pri	======================================	 	 Total
County	, , , , , , , , , , , , , , , , , , ,	Acres	0 2	Acres	N .	Acres No.	0 2	Acres	N .	Acres	 0 Z	Acres
Bond	0	0.0	2	800.1		48.1	8	67.5	1288	1,139.9	ii	2,055.6
Clinton	0	0.0	0	0.0	8	31.5	1	4.5	941	270.6	950	909.6
Madison	0	0.0	6	583.5	43	837.6 26 108.0	56	108.0	2093			6,436.8
Monroe	0	0.0	4	46.9	4	165.8	30	81.0		1,632.6		
Randolph	Э	1,351.3	Э	94.5	6	67.6	6	105.0	1313	1,269.5	1337	
St. Clair	Э	1,122.0	0	56.2	52	350.2	40	280.5		2,047.1		
Washington	-	248.0	4	74.7	4	29.3	80	60.9	1468		1485	
Total		2,721.3	30	30 1,655.9	172	1,530.1 122	122	707.4	10,063	10,063 13,057.1 10,394 19,671.8	10,394	19,671.8

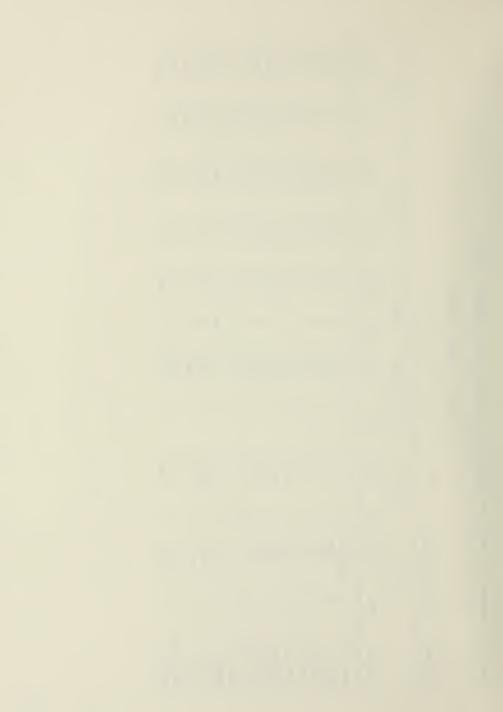


Number and Acres of Impoundments by Ownership Category (1987). TABLE 3g.

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

											=======	
		State		Public	Organi	Jrganization	Com	Commercial	Prix	Private		Total
County	0	Acres	0 2	Acres	0 2	Acres	0 2	Acres	0 2	Acres	0 Z	Acres
Alexander	1	1,890.0	2	12.6	1	18.8	2	7.5	377	380.4	383	2,309.3
Clay	0	0.0	2	11.4	9	116.4	0	0.0	1123	718.3	1131	846.1
Crawford	0	0.0	-	5.5	2	51.3	0	0.0	1273	898.1	1281	954.9
Edwards	0	0.0	4	44.2	E	27.4	0	0.0	273	403.6	780	475.2
Effingham	0	0.0	2	606.0	4	15.6	9	43.0	1013	615.0	1025	1,279.6
Fayette	5	50.9	S	761.1	4	25.4	E	22.5	1251	942.4	1268	1,802.3
Franklin	1	0.4	15	805.9	2	164.9	E	42.5	1652	1,249.0	1678	2,262.7
Gallatin	0	0.0	2	49.6	-	10.2	0	0.0	449	584.6	452	644.4
Hamilton	-	71.3	2	78.1	0	0.0	Э	10.6	1568	729.5	1574	889.5
Hardin	0	0.0	2	15.0	0	0.0	32	30.1	471	387.4	208	432.5
Jackson	2	154.5	ຕ	2,894.1	13	429.8	2	6.5	1493	1,542.1	1516	5,027.0
Jasper	2	1,880.0	0	0.0	4	24.5	0	0.0	1279	722.7	1285	2,627.2
Jefferson	-	7.7	4	127.2	4	233.5	0	0.0	2314	1,187.5	2323	1,555.9
Johnson	4	296.0	Э	178.4	2	27.0	-	50.0	1764	2,417.9	1774	2,969.3

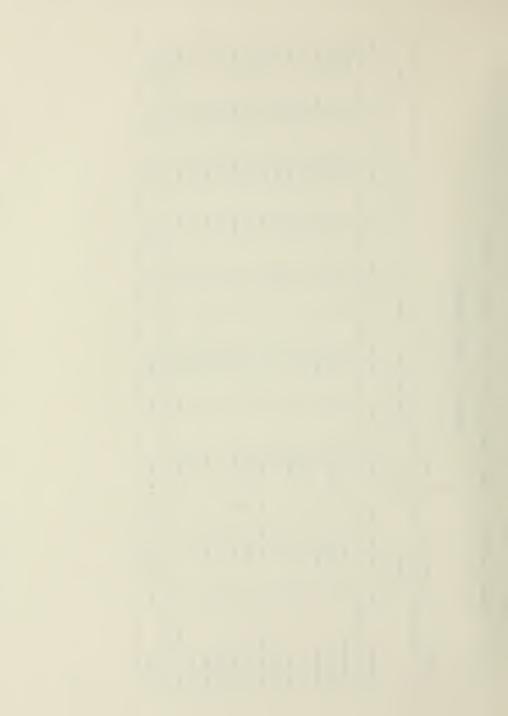


Number and Acres of Impoundments by Ownership Category (1987). TABLE 39.

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties) - continued

	01	State		Public	Organi	Organization	Com	Commercial	Pri	Private		Total
County	, 0	Acres	0 Z	Heres	0 V	Hcres	0 2	Acres	No.	Acres	. O	Acres
awrence	1	40.0	1	9.0	~	71.5	0	0.0	744	573.2		693.7
larion	2	529.6	~	1,521.8	12	165.6	2	14.0	1745	860.2	1771	3,091.2
Massac	1	452.0	0	0.0	4	46.6	0	0.0	933	799.9	938	1,298.5
Perry	25	134.7	2	348.0	9	39.3	0	0.0	1467	1,669.2	1500	2,191.2
Pope	0	0.0	9	307.5	0	0.0	1	8.0	1021	602.7	1058	918.2
ulaski	0	0.0	-	4.6	-	3.4	~	30.0	807	585.9	816	623.9
Richland	0	0.0	4	1,326.2	-	1.7	0	0.0	906	574.1	911	1,902.0
Saline	1	105.0	13	435.8	4	45.8	2	21.0	1234	1,768.3	1257	2,375.9
Jnion	10	723.6	S	1,025.0	2	5.9	0	0.0	2067	1,438.8	2084	3,193.3
Wabash	0	0.0	-	1.0	Э	113.8	0	0.0	501	229.7	505	344.5
Mayne	1	194.0	2	14.3	S	51.8	0	0.0	2242	1,374.7	2250	1,634.8
Ahite	0	0.0	S	34.8	2	55.9	0	0.0	926	893.9	933	984.6
4illiamson	0	0.0	12	9,150.6	20	158.3	2	50.3	1982	3,089.9	2019	12,449.1
======================================	64	6,529.7	106	19,767.7	123	1,904.4		336.0	33,405	======================================	33,773	55,776.8



NUMBER AND ACRES
OF IMPOUNDMENTS
BY SIZE CATEGORY

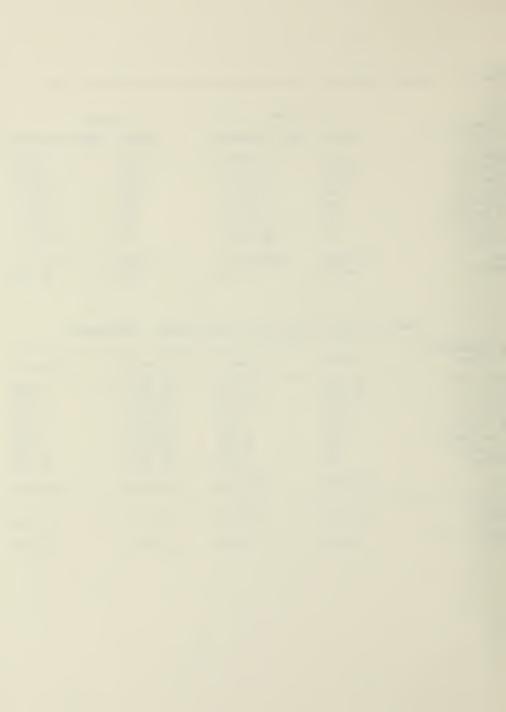


Table 4. Number and Acres of Impoundments by Size Categories (1987)

Size Categories	Arti	ificial	Na	tural
Acres	Number	Total Acreage	Number	Total Acreage
0.1 to 0.4	43,190	9,798.0	1,526	386.9
0.5 to 0.9	19,367	12,255.7	838	581.7
1.0 to 5.9	16,652	32,093.2	1,192	2,995.2
6.0 to 10.9	1,064	8,220.7	202	1,639.7
11.0 to 40.9	894	16,650.3	307	6,292.9
41.0 to 100.9	157	9,227.9	90	5,624.7
101.0 to 500.9	78	16,201.6	78	16,361.3
501 plus	42	65,954.0	32	46,502.1
TOTAL	81,444	170,401.4	4,265	80,384.5
PERCENT	95.02%	67.95%	4.98%	32.05%

COMBINED TOTAL OF ARTIFICIAL AND NATURAL IMPOUNDMENTS

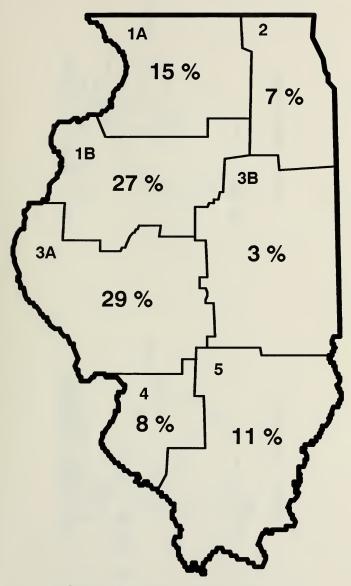
Size Categories				
Acres	Number	Percent	Acreage	Percent
0.1 to 0.4	44,716	52.17%	10,184.9	4.06%
0.5 to 0.9	20,205	23.57%	12,837.4	5.12%
1.0 to 5.9	17,844	20.82%	35,088.4	13.99%
6.0 to 10.9	1,266	1.48%	9,860.4	3.93%
11.0 to 40.9	1,201	1.40%	22,943.2	9.15%
41.0 to 100.9	247	0.29%	14,852.6	5.92%
101.0 to 500.9	156	0.18%	32,562.9	12.99%
501 plus	74	0.09%	112,456.1	44.84%
TOTAL	85,709	100.00%	250,785.9	100.00%
Ponds (0.1 to 5.9				
acres)	82,765	96.57%	58,110.7	23.17%
Lakes (6.0 acres			•	
plus)	2,944	3.43%	192,675.2	76.83%



REGIONAL SUMMARY OF STREAMS BY WIDTH CATEGORY

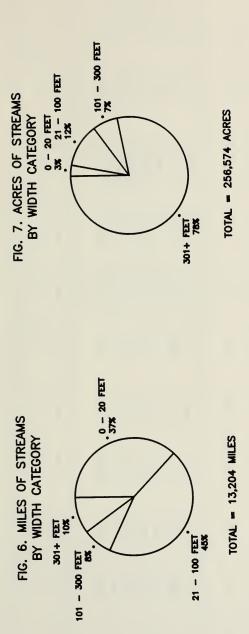


FIG.5. STREAM ACREAGE BY REGION



TOTAL = 256,574 ACRES



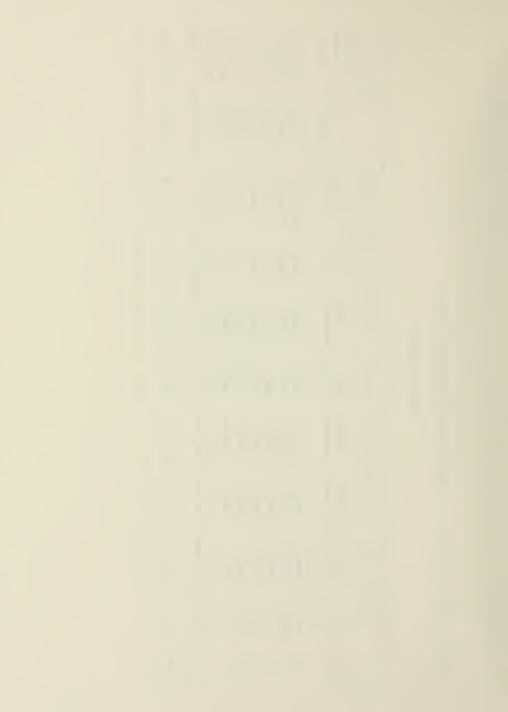




Miles and Acres of Streams by Width Categories (1987) TABLE 5.

REGION SUMMARY

	Total			38,772.0	69,454.0	18,835.0	73,385.0	6,978.0	20,137.0	29,013.0	256,574.0	
	To	Miles		1,835.7	2,639.9	1,635.4	2,427.2	1,676.1	812.0	2,177.7	13,204.0	
	plus ft. wide	Hcres		32,533.0	59,085.0	9,633.0	63,935.0	482.0	15,744.0	20,366.0	1,379.7 201,778.0	
	301	Miles	 	200.5	323.5	147.1	295.1	20.5	110.8	282.2	1,379.7	
	101-300 ft. wide	Acres		1,518.0	2,123.0	5,115.0	2,940.0	1,315.0	2,163.0	2,579.0	992.4 17,753.0 1,379.7	
.=======	101-300	Miles		104.8	151.7	206.1	157.0	92.8	102.0	175.0	992.4	
	21-100 ft. wide	Acres		3,417.0	7,106.0	3,030.0	5,129.0	4,116.0	2,037.0	5,049.0	5,916.5 29,884.0	
=======================================	21-100	Miles		635.5	1,355.8	556.6	1,052.2	829.3	466.0	1,021.1	5,916.5	
	0-20 ft. wide	Heres		1,304.0	808.9 1,140.0	725.6 1,057.0	922.9 1,381.0	730.5 1,065.0	133.2 193.0	699.4 1,019.0	Total 4,915.4 7,159.0	
	0-50	Miles		894.9	808.9	725.6	922.9	730.5	133.2	699.4	4,915.4	
======		Region		1-A	1-8	2	Э-В	3-8	4	Ŋ	Total .	

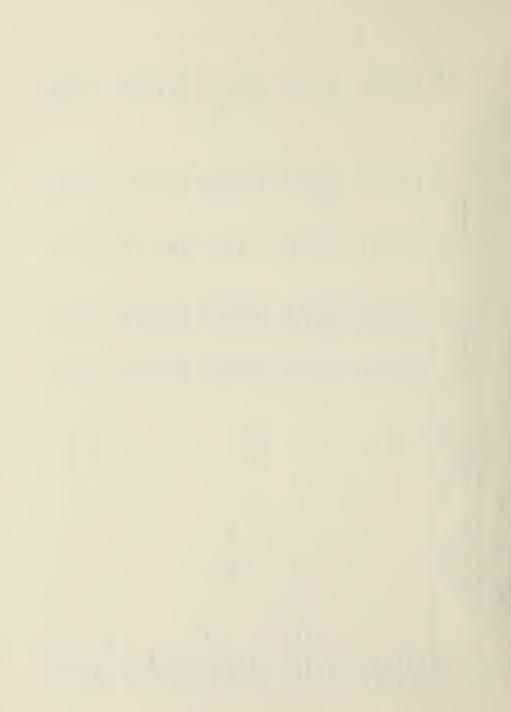


ALPHABETICAL LISTING BY COUNTY OF SURFACE WATERS BY WATER TYPES

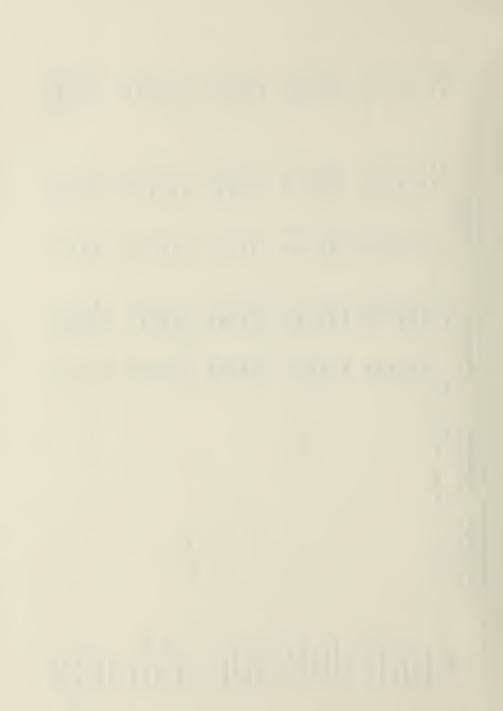


Alphabetical Listing by County of Surface Waters, by Water Types (1987) TABLE 6.

			======================================	IMPOUR	======================================	STREAMS	.=====================================	
COUNTY	Acres	N .	Acres	No.	Acres	Miles	Acres	TOTAL ACRES
Hdams Rlexander				2,527	2,527 2,646.3 383 2,309.3	207.2	8,748.0 7,599.0	11,394.3
Boone				1,303	543.5	134.7	349.0	3,132.b 892.5
Brown				1,041	1,036.7	86.7	328.0	1,364.7
Bureau				256	2,220.5	280.2	1,464.0	3,684.5
Calhoun				544	4,210.5	105.8	18,623.0	22,833.5
Carrol1				149	4,929.3	175.3	9,521.0	14,450.3
Cass				204	4,514.1	104.0	2,743.0	7,257.1
Champaign				131	418.0	120.8	374.0	792.0
Christian				373	4,447.1	118.1	474.0	4,921.1
Clark				1,146	1,733.9	89.0	651.0	2,384.9
Clay				1,131	846.1	143.7	430.0	1,276.1
Clinton		-	18,930.0	950	9009	141.4	744.0	20,480.6
Coles				276	903.2	106.7	492.0	1,395.2
Cook	429,722.0			1,285	7,817.4	409.4	3,708.0	441,247.4
Crawford				1,281	954.9	115.5	1,089.0	2,043.9
Cumberland				801	0.669	110.3	268.0	0.796
DeKalb				180	611.2	249.8	617.0	1,228.2
DeWitt				217	5,225.5	0.98	215.0	5,440.5
Douglas				151	257.1	87.4	304.0	561.1
DuPage				299	1,353.6	1111.1	574.0	1,927.6
Edgar				245	466.5	98.4	161.0	627.5
Edwards				780	475.2	13.8	111.0	586.2
Effingham				1,025	1,279.6	100.3	180.0	1,459.6
Fayette		1	4,800.0	1,268	1,802.3	113.2	722.0	7,324.3
Ford				90	189.6	40.5	106.0	295.6
Franklin		-	10,800.0	1,678	2,262.7	58.0	252.0	13,314.7
Fulton				2,715	11,994.9	310.2	3,122.0	15,116.9
Gallatin				452	644.4	60.5	1,273.0	1,917.4



No. Hores No. Hores No. Hores Hiles Hi			RE		======================================	IMPOUNDMENTS	======================================	======================================	
1, 274 1, 148.6 249 4, 293.1 1, 574 689.5 1, 226 784.3 508 4, 293.1 1, 574 689.5 1, 526 784.3 508 1, 039.7 1, 285 2, 627.2 1,		Acres	No.		No.	Acres	Σ	Acres	TOTAL ACRES
249 4,293.1 158.9 1,574 889.5 67.5 1,226 784.3 211.6 1,226 784.3 211.6 1,226 782.3 231.6 1,310 141 543.5 131.0 1,425 899.0 196.6 1,141 543.5 148.5 1,516 5,027.0 132.6 1,516 5,027.0 132.6 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,152.2 103.4 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,600 2,384.0 176.3 1,600 2,384.0 176.3 1,600 2,384.0 176.3 1,600 2,384.0 176.3 1,019 13,807.3 221.5 1,600 2,384.0 190.0 1,019 13,807.3 221.5 1,600 2,384.0 190.0 1,019 13,807.3 140.5 1,771 6,436.8 166.9 1,771 6,436.8 166.9 1,771 6,436.8 166.9 1,771 6,436.8 166.9	 				1,274	1,148.6	11 11	======================================	=======================================
1,574 689.5 67.5 1,226 784.3 211.6 1,226 784.3 211.6 1,226 784.3 211.6 2,321 1,039.7 131.0 1,516 5,027.0 136.6 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,774 2,959.3 104.5 1,774 2,959.3 104.5 1,774 2,959.3 104.5 1,774 2,959.3 104.5 1,019 13,807.3 221.5 1,600 2,384.0 176.3 2,32.0 688.7 119.4 1,019 13,807.3 221.5 1,010 13,807.3 140.5 1,010 13,309.7 140.5 1,771 3,348.8 95.5 2,758 4,372.9 139.7 2,758 4,372.9 140.5 1,771 6,436.8 166.9 1,771 6,436.8 166.9	Grundy				249	4,293.1	158.9	2,931.0	7.224.1
1,226 784.3 211.6 1 508 432.5 23.1 508 432.5 23.1 508 1,039.7 131.0 1 51,016 1,039.7 131.0 1 51,016 1,039.7 131.0 1 51,016 1,016 1,019 1,019 1,019 1,019 1,019 1 523.0 1,019 1	Hamilton				1,574	889.5	67.5	181.0	1,070.5
508 432.5 23.1 303 1,039.7 131.0 1 425 899.0 196.6 141 543.5 148.5 11,516 5,027.0 132.6 11,285 2,627.2 103.4 11,285 2,627.2 103.4 1774 2,969.3 104.5 183 1,516.0 190.8 1,774 2,969.3 104.5 173 253.3 89.7 174 2,969.3 104.5 175 253.3 89.7 176 3,918.0 1,019 13,807.3 221.5 177 400 759.9 190.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.7 223.0 1,019 13,498.8 95.5 1,019 1	Hancock				1,226	784.3	211.6	13,443.0	14,227.3
303 1,039.7 131.0 1 425 899.0 196.6 1,1516 5,027.0 132.6 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,600 2,384.0 176.3 1,600 2,384.0 176.3 1,600 2,384.0 176.3 1,600 2,384.0 176.3 1,600 2,384.0 176.3 1,1019 13,807.3 221.5 1,1019 13,807.3 119.4 1,1019 13,807.3 119.4 1,1019 13,807.3 119.4 1,1019 13,807.3 119.4 1,1019 13,807.3 119.4 1,1019 13,807.3 119.4 1,1019 13,807.3 119.4 1,1019 13,807.3 119.7 1,1019 13,807.3 119.4 1,1019 13,807.3 119.4 1,1019 13,807.3 119.4 1,1019 13,807.3 119.7 1,1019 13,807.3 1	Hardin				208	432.5	23.1	102.0	534.5
425 899.0 196.6 141 543.5 148.5 1,516 5,027.0 132.6 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,600 2,384.0 176.3 1,600 2,384.0 176.3 1,601 3,498.7 223.0 1,601 3,498.7 223.0 1,601 3,498.7 223.0 1,753 3,348.8 95.5 1,771 3,348.8 166.9 1,771 3,091.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3	Henderson				303	1,039.7	131.0	12,110.0	13,149.7
141 543.5 148.5 1,516 5,027.0 132.6 1,285 2,627.2 103.4 1,185 2,627.2 103.4 1,185 2,627.2 103.4 1,185 2,627.2 103.4 1,183 1,516.0 190.8 1,174 2,969.3 104.5 496 881.4 194.9 1,174 2,969.3 104.5 1,174 2,969.3 104.5 1,174 2,969.3 104.5 1,174 2,969.3 104.5 1,174 2,969.3 104.5 1,174 2,969.3 104.5 1,180 2,384.0 176.3 1,190 395 688.7 223.0 1,190 395 688.7 119.4 1,173 3,348.8 95.5 1,171 3,991.2 64.3 1,771 3,991.2 64.3 1,771 3,991.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3	Henry				425	899.0	196.6	1,964.0	2,863.0
1,516 5,027.0 132.6 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,286 2,152.2 91.8 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,600 2,384.0 176.3 1,601 13,807.3 221.5 641 3,498.7 223.0 753 693.7 94.3 1,001 395 688.7 119.4 1,73 3,348.8 95.5 2,758 4,35.9 190.0 2,758 4,372.9 139.7 2,171 3,991.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3	Iroquois				141	543.5	148.5	923.0	1,466.5
1,285 2,627.2 103.4 1,285 2,627.2 103.4 1,355.9 62.0 994 2,152.2 91.8 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 104.5 1,774 2,969.3 119.4 1,771 3,348.8 95.5 1,771 3,391.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3 1,771 3,091.2 64.3	Jackson				1,516	5,027.0	132.6	4,127.0	9,154.0
8,100.0 2,323 1,555.9 62.0 994 2,152.2 91.8 183 1,516.0 190.8 1,774 2,969.3 104.5 496 881.4 194.9 150 529.3 89.7 173 255.3 81.1 1,600 2,384.0 176.3 1,019 13,807.3 221.5 641 3,498.7 223.0 753 693.7 94.3 753 693.7 190.4 173 3,72.9 190.7 174 3,348.8 95.5 175 2,758 4,372.9 190.7 176 5,116.5 90.0 177 1,015 3,091.2 64.3 178 6,116.5 90.0	Jasper				1,285	2,627.2	103.4	727.0	3,354.2
994 2,152.2 91.8 183 1,516.0 190.8 1,774 2,969.3 104.5 496 881.4 194.9 150 529.3 89.7 173 255.3 81.1 1,600 2,384.0 176.3 1,619 13,807.3 221.5 641 3,498.7 223.0 753 693.7 24.3 190.0 395 688.7 119.4 173 3,348.8 95.5 2,758 4,372.9 140.5 2,171 6,436.8 166.9 11,71 3,091.2 64.3 11,71 3,091.2 64.3 11,71 3,091.2 64.3	Jefferson			8,100.0	2,323	1,555.9	62.0	147.0	9,802.9
183 1,516.0 190.8 1,774 2,969.3 104.5 496 881.4 194.9 150 529.3 89.7 1,600 2,384.0 176.3 1,019 13,807.3 221.5 641 3,498.7 223.0 753 693.7 94.3 400 759.9 190.0 395 688.7 119.4 173 3,348.8 95.5 2,758 4,372.9 140.5 2,171 6,432.8 166.9 1,771 3,091.2 64.3 140.5 2,171 6,416.5 90.0	Jersey				994	2,152.2	91.8	6,518.0	8,670.2
1,774 2,969.3 104.5 496 881.4 194.9 150 529.3 89.7 173 255.3 81.1 1,600 2,384.0 176.3 1,019 13,807.3 221.5 641 3,498.7 223.0 753 693.7 94.3 400 395 688.7 119.4 173 3,348.8 95.5 2,758 4,372.9 139.7 2,171 6,436.8 166.9 11,771 3,091.2 64.3 11,771 3,091.2 64.3 11,771 3,091.2 64.3	JoDaviess				183	1,516.0	190.8	9,892.0	11,408.0
496 881.4 194.9 150 529.3 89.7 173 255.3 81.1 1,600 2,384.0 176.3 1,019 13,807.3 221.5 641 3,498.7 223.0 753 693.7 94.3 400 759.9 190.0 995 688.7 119.4 173 377.3 140.5 2,758 4,372.9 139.7 2,171 6,436.8 166.9 11,71 3,091.2 64.3 146 6,116.5 90.0	Johnson				1,774	2,969.3	104.5	216.0	3,185.3
150 529.3 89.7 173 255.3 81.1 1,600 2,384.0 176.3 1,019 13,807.3 221.5 641 3,498.7 223.0 753 693.7 94.3 400 759.9 190.0 395 688.7 119.4 173 3,348.8 95.5 2,758 4,372.9 139.7 2,171 6,436.8 166.9 11,771 3,091.2 64.3 146 6,116.5 90.0	Kane				496	881.4	194.9	1,534.0	2,415.4
1,600 2,384.0 176.3 1,600 2,384.0 176.3 1,600 2,384.0 176.3 1,019 13,807.3 221.5 641 3,498.7 223.0 753 693.7 94.3 400 759.9 190.0 395 688.7 119.4 173 377.3 140.5 174 3,348.8 95.5 2,758 4,372.9 139.7 2,171 6,436.8 166.9 1,771 3,091.2 64.3 11,771 3,091.2 64.3 11,771 3,091.2 64.3	Kankakee				150	529.3	89.7	1,877.0	2,406.3
1,600 2,384.0 176.3 546,918.0 1,019 13,807.3 221.5 641 3,498.7 223.0 753 693.7 94.3 400 759.9 190.0 395 688.7 119.4 173 377.3 140.5 174 3,348.8 95.5 2,758 4,372.9 139.7 2,171 6,436.8 166.9 1,771 3,091.2 64.3 146 6,116.5 90.0	Kendall				173	255.3	81.1	1,189.0	1,444.3
546,918.0 1,019 13,807.3 221.5 641 3,498.7 223.0 753 693.7 94.3 400 759.9 190.0 395 688.7 119.4 173 377.3 140.5 2.758 4,372.9 139.7 2.171 6,436.8 166.9 17.771 3,091.2 64.3 146.6 6,116.5 90.0 301 14,226.4 73.0	Knox				1,600	2,384.0	176.3	577.0	2,961.0
641 3,498.7 223.0 753 693.7 94.3 400 759.9 190.0 395 688.7 119.4 173 377.3 140.5 2,758 4,372.9 139.7 2,171 6,436.8 166.9 1,771 3,091.2 64.3 146 6,116.5 90.0	Lake	546,918.0			1,019	13,807.3	221.5	1,025.0	561,750.3
753 693.7 94.3 400 759.9 190.0 395 688.7 119.4 173 377.3 140.5 174 3,348.8 95.5 2,758 4,372.9 139.7 2,171 6,436.8 166.9 1,771 3,091.2 64.3 146 6,116.5 90.0 301 14,226.4 73.0	LaSalle				641	3,498.7	223.0	5,843.0	9,341.7
400 759.9 190.0 395 688.7 119.4 173 377.3 140.5 174 3,348.8 95.5 2,758 4,372.9 139.7 2,171 6,436.8 166.9 1,771 3,091.2 64.3 146 6,116.5 90.0 301 14,226.4 73.0	Lawrence				753	693.7	94.3	1,494.0	2,187.7
395 688.7 119.4 173 377.3 140.5 174 3,348.8 95.5 2,758 4,372.9 139.7 2,171 6,436.8 166.9 1,771 3,091.2 64.3 146 6,116.5 90.0 301 14,226.4 73.0	Lee				400	759.9	190.0	2,781.0	3,540.9
174 3,348.8 140.5 174 3,348.8 95.5 2,758 4,372.9 139.7 2,171 6,436.8 166.9 1,771 3,091.2 64.3 146 6,116.5 90.0 301 14,226.4 73.0	Livingston				395	688.7	119.4	936.0	1,624.7
2,758 4,372.9 139.7 2,171 6,436.8 166.9 1,771 3,091.2 64.3 146 6,116.5 90.0 301 14,226.4 73.0	Logan				173	377.3	140.5	605.0	982.3
2,758 4,372.9 139.7 2,171 6,436.8 166.9 1,771 3,091.2 64.3 146 6,116.5 90.0 301 14,226.4 73.0	Macon				174	3,348.8	95.5	326.0	3,674.8
2,171 6,436.8 166.9 1,771 3,091.2 64.3 146 6,116.5 90.0 301 14,226.4 73.0	Macoupin				2,758	4,372.9	139.7	320.0	4,692.9
1,771 3,091.2 64.3 146 6,116.5 90.0 301 14,226.4 73.0	Madison				2,171	6,436.8	166.9	5,145.0	11,581.8
	Marion				1,771	3,091.2	64.3	125.0	3,216.2
301 14,226.4 73.0	Marshall				146	6,116.5	90.0	2,706.0	8,822.5
	Mason				301	14,226.4	73.0	1,757.0	15,983.4



	LUNE HICHIGHIN	RES	RESERVOIRS	IMPOUN	IMPOUNDMENTS	STRE	STREAMS	0 10 1
COUNTY	Bores	0 0		0 0	No.	Miles	Acres	HUIHL
 		 		938	1,298.5	20.0	86.0	1,384.5
1cDonough				632	7.767	121.0	270.0	1,067.7
McHenry				802	4,098.5	157.9	1,183.0	5,281.5
1cLean				269	2,139.4	177.6	552.0	2,691.4
Yenard				309	455.3	89.3	785.0	1,240.3
dercer.				581	1,485.2	167.5	6,910.0	8,395.2
Monroe				1,591	1,926.3	103.6	5,159.0	7,085.3
Montgomery				1,113	4,829.5	119.8	420.0	5,249.5
Morgan				872	2,811.2	106.6	937.0	3,748.2
Moultrie		1	5,550.0	239	237.1	27.3	75.0	5,862.1
Ogle				157	289.4	200.5	3,072.0	3,361.4
eoria				985	1,611.7	158.7	496.0	2,107.7
Perry				1,500	2,191.2	80.1	205.0	2,396.2
Piatt				81	174.3	73.4	274.0	448.3
Pike				1,986	2,713.0	245.9	9,457.0	12,170.0
Pope				1,058	918.2	78.3	196.0	1,114.2
Pulaski				816	623.9	25.4	107.0	730.9
Putnam				111	7,252.1	20.4	914.0	8,166.1
Randolph				1,337	2,887.9	141.8	6,044.0	8,931.9
Richland				911	1,902.0	42.6	144.0	2,046.0
Rock Island				318	783.2	237.9	15,912.0	16,695.2
Saline				1,257	2,375.9	83.5	252.0	2,627.9
Sangamon				955	5,439.3	247.5	1,156.0	6,595.3
Schuyler				1,002	1,460.0	106.6	401.0	1,861.0
Scott				441	595.5	113.5	2,201.0	2,796.5
Shelby		-	5,550.0	683	894.8	131.1	318.0	6,762.8
Stark				94	190.4	103.4	287.0	477.4
St. Clair				1,555	3,856.0	123.6	2,277.0	6,133.0
w Stephenson				137	268.3	152.1	839.0	1,107.3
				(,	L C.C.	0 701	0 070 0	ר כשם ר

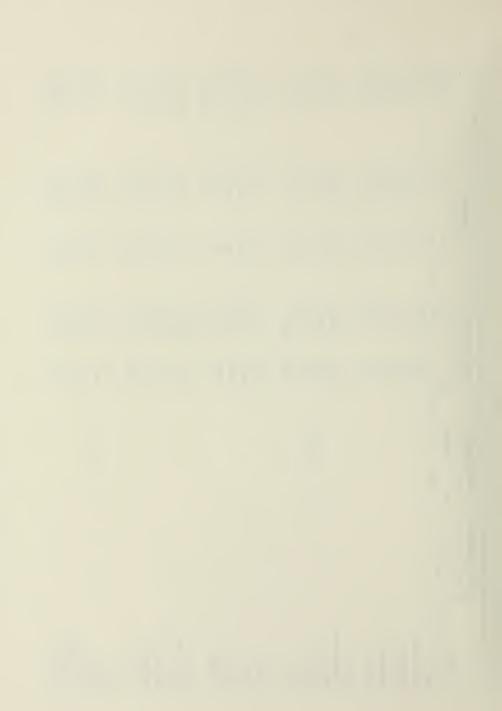
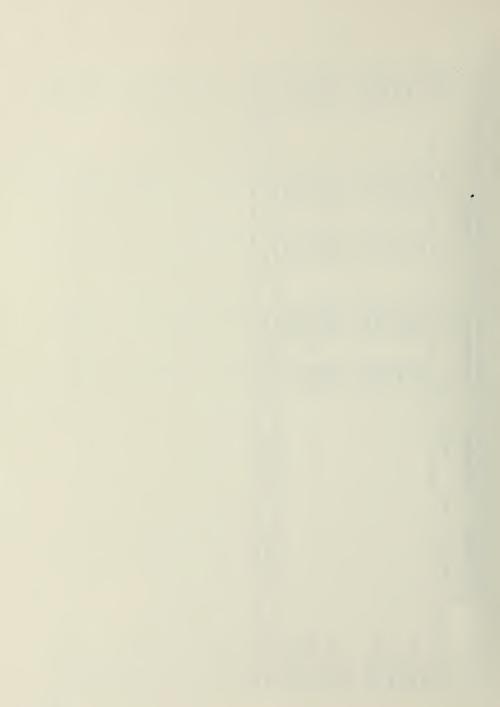


TABLE 6. Continued.

	LAKE MICHIGAN	RESERVOIRS	OIRS	IMPOU	IMPOUNDMENTS	STR	STREAMS	
COUNTY	Acres	.02	Acres	0 2	Acres	Miles	Acres	HCRES
Union				2,084	3,193.3	65.3	3,014.0	6,207.3
Vermilion				260	1,882.3	164.2	1,003.0	2,885.3
Wabash				202	344.5	76.3	2,259.0	2,603.5
Warren				332	728.3	137.6	574.0	1,302.3
Washington				1,485	1,702.6	76.6	521.0	2,223.6
Mayne				2,250	1,634.8	112.0	422.0	2,056.8
White				633	984 6	133 0	0 774 0	0 030 7
				7 .	0.100	0.001	3,211.0	1,236.6
Whiteside				154	831.4	321.2	8,610.0	9,441.4
Mi 11				1,060	6,745.6	210.9	4,814.0	11,559.6
Williamson				2,019	12,449.1	76.0	279.0	12,728.1
Winnebago				211	1,063.9	221.3	3,091.0	4,154.9
Moodford				417	1,506.4	100.1	12,965.0	14,471.4
State Total	976,640.0	3 54,	54,580.0	85,709	85,709 250,785.9	13,204.0	13,204.0 256,574.0	1,538,579.9
			=======================================					







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1989
INVENTORY OF ILLINOIS
SURFACE WATER RESOURCES



ILLINOIS DEPARTMENT OF CONSERVATION
DIVISION OF FISHERIES
MAY, 1990

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1989 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES

INTRODUCTION

The first Illinois surface water inventory was published by the Division of Fisheries in February 1964 as Special Fisheries Report Number 1. District biologists collected the data for this first inventory from aerial photographs on file in each county Agricultural Stabilization and Conservation Service office, from interviews with county Soil Conservation Service personnel and from data in their own district files.

The original 1964 survey was updated according to annual new pond construction and published in 1972, 1978, 1982, 1985 and 1987.

This 1989 Inventory of Illinois Surface Water Resources is a supplement to these earlier surveys and serves to update the surface water inventory to include all waters in the state as of December 31, 1989. The basis for this update is the "new impoundment construction data" collected for each county by the district fisheries managers and published annually. At the end of each year, the biologists contact each county Soil Conservation Service office, as well as other agencies, and compile a list of all new impoundments built during the past year for each county. The data collected includes the size of the new impoundment in acres and the ownership classification.

Revisions were made for existing impoundments that have had changes in ownership classification or acreage. Stream miles and acreages were revised significantly according to more accurate estimates.

Classification of Surface Waters

Surface waters are permanent, open bodies of water 0.1 acre or larger. They are separated from wetlands by their permanence and by their general lack of emergent woody or graminoid vegetation. There are four subclasses: Lake Michigan, Reservoir, Impoundment, and Stream.

Lake Michigan:

Only about 7% of Lake Michigan is within the State of Illinois' jurisdiction and only that portion which is in Illinois is included in this inventory.

Reservoirs:

This classification includes only the three Corps of Engineers reservoirs (Carlyle, Rend and Shelbyville).

Impoundments:

This classification includes all standing bodies of water (lakes and ponds) constructed by artificial means or formed by nature, except Lake Michigan and the three Corps reservoirs. Impoundments are further divided into categories according to ownership as follows:

 State: This category includes all impoundments owned or leased by the Illinois Department of Conservation.



- Public: This category includes all impoundments owned or leased by a
 government agency, other than the Illinois Department of Conservation, that have
 public access.
- Organization: This category includes all impoundments owned or leased by any
 organization of six or more members. Included are sportsmen clubs, scouts,
 church, civic, fraternal, associations, homeowner groups, country clubs,
 industrial, institutions, etc.
- 4. <u>Commercial</u>: This category includes all impoundments privately owned or leased for which a fee is charged for fishing. These areas are licensed by the Illinois Department of Conservation.
- 5. **Private**: This category includes all impoundments privately owned or leased which are not organizations or commercial areas.

<u>Streams</u>: This classification includes all flowing waters such as canals, creeks and rivers, regardless of ownership or leasing. Streams are further divided into four width categories as measured by their average width in a county. Intermittent streams are not included in the inventory.



TABLE 1. ILLINDIS SURFACE WATER RESOURCES (1989)*

STATEWIDE SUMMARY

Water Resource Type	Water Resource Type Category Number Acres Total Acres	N N N N N N N N N N N N N N N N N N N	Acres	Total Acres
Lake Michigan (Ill. portion only)			976,640.0	976,640.0
Reservoirs		С	54,580.0	54,580.0
Impoundments:	State Public Organization Commercial Private	428 685 1,997 508 83,106	39,344.2 78,056.7 24,904.8 3,045.7	
	Total	86,724	252,402.6	252,402.6
		Miles		
Streams	5 - 30 ft. wide 31 - 100 ft. wide 101 - 300 ft. wide 301 plus ft. wide	20,000 3,900 1,030 1,380	43,200 26,200 18,000 212,600	
	Total	26,310	300,000	300,000.0
GRAND TOTAL SURFACE WATER ACREAGE	GRAND TOTAL SURFACE WATER ACREAGE			1,583,622.6

* As of December 31, 1989

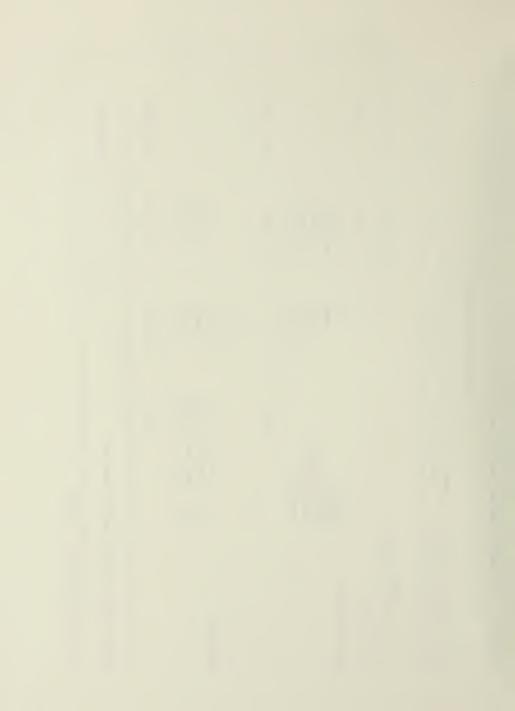
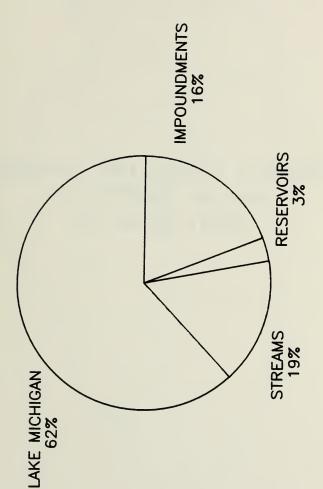
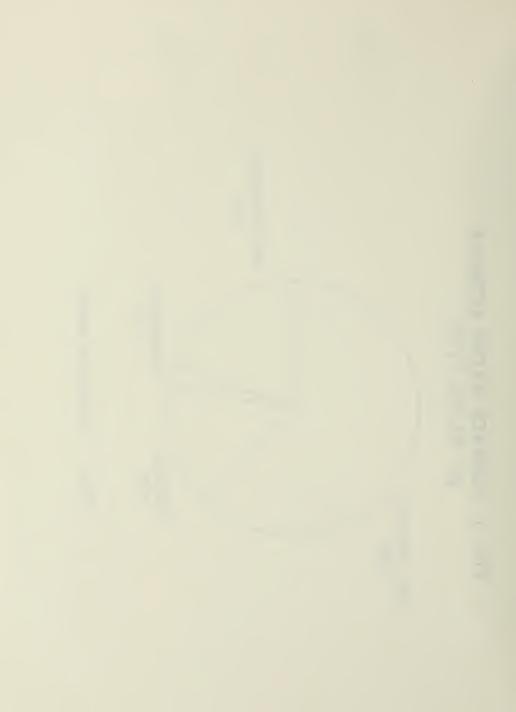


FIG. 1. SURFACE WATER ACREAGE BY WATER TYPE



TOTAL = 1,583,622.6 ACRES

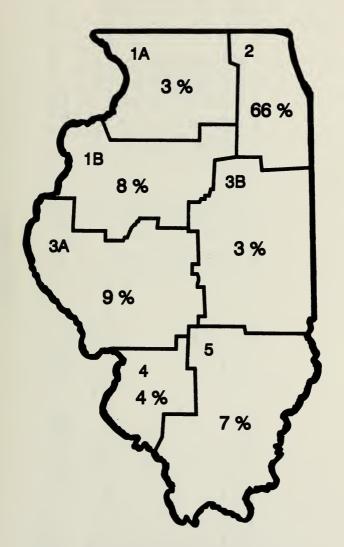
4



REGIONAL AND COUNTY SUMMARY OF SURFACE WATERS BY WATER TYPES



FIG.2. SURFACE WATER ACREAGE BY REGION



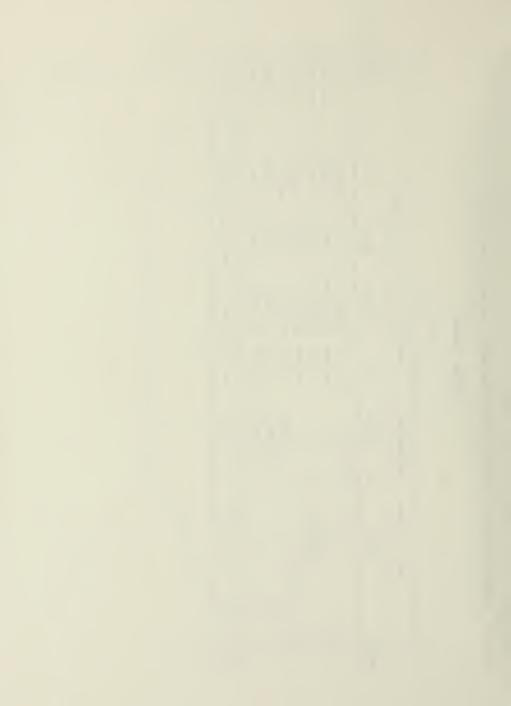
TOTAL = 1,583,622.6 ACRES



TABLE 2. Number (or Miles) and Acres of Surface Waters by Water Type (1989).

REGION SUMMARY

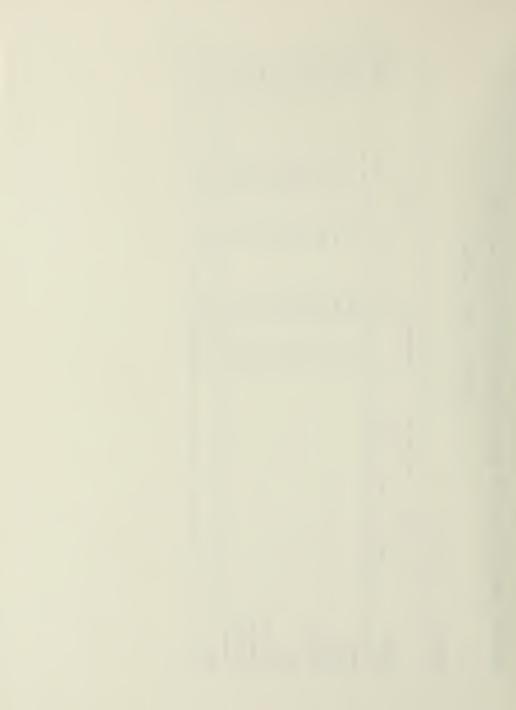
								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	LAKE MICHIGAN	RE	RESERVOIRS	IMPOUI	IMPOUNDMENTS	STR	STREAMS	
								TOTAL
REGION		No.		No.	Acres	Miles	Acres	ACRES
1-A				1,709	 1,709 10,896.6	2,438.0	======================================	54,576.6
1-8	-	1	-	10,094	46,771.8	4,337.0	81,830.0	128,601.8
2	976,640.0	1	-	6,141	40,513.2	2,530.0	2,530.0 21,890.0	1,039,043.2
3-В		1	-	18,549	58,534.7	4,700.0	77,020.0	135,554.7
3-8		-	11,100.0	5,669	5,669 19,817.0	4,925.0	4,925.0 16,410.0	47,327.0
4		-	19,780.0	10,422	10,422 19,710.7	1,880.0	1,880.0 23,560.0	63,050.7
Ŋ	-	-	23,700.0	34,140	34,140 56,158.6	5,500.0	5,500.0 35,610.0	115,468.6
======================================	976,640.0	 	======================================		86,724 252,402.6 26,310.0 300,000.0	26,310.0 300,000.0	======================================	1,583,622.6
	=======================================	 						



REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

COUNTY Acres Boone Carroll DeKalb JoDaviess	LHKE MICHIGHN	RESER	RESERVOIRS	IMPOUR	IMPOUNDMENTS	STR	STREAMS	
 	Acres	N 0 N	Acres	N . o N	Acres	Miles	Acres	TOTAL ACRES
Carroll DeKalb JoDaviess			 	121	548.3	110.0	121 548.3 110.0 321.0	======================================
DeKalb JoDaviess ee				150	4,930.4	244.0	244.0 12,514.0	17,444.4
JoDaviess				181	611.5	265.0	622.0	1,233.5
4 4				190	1,524.0	324.0	324.0 11,702.0	13,226.0
, , ,				400	759.9	290.0	2,288.0	3,047.9
Ogle				158	292.4	318.0	3,551.0	3,843.4
Stephenson				138	269.1	292.0	1,319.0	1,588.1
Whiteside				156	848.9	339.0	8,332.0	9,180.9
Winnebago				215	1,112.1	256.0	3,031.0	4,143.1
To+21				1 209	======================================	======================================	1 2N9 1N 896 6 2 438 N 43 68N N	======================================

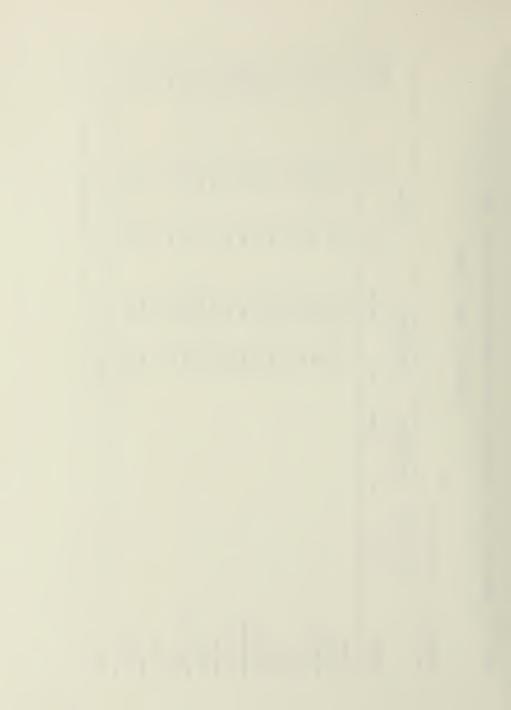


Number (or Miles) and Acres of Surface Waters by Water Type (1989). TABLE 2b.

REGION 1B - COUNTY SUMMARY

REGION 18 (16 Counties)

	======================================	======================================	======================================	======= IMPOU	======================================	======== STR	STREAMS	
COUNTY	Acres	N .	Acres	N .	Acres	Miles	Acres	HCRES
Bureau		 		=======================================	261 2,231.1	409.0	409.0 2,196.0	4,427.1
Fulton				2,733	12,015.3	448.0	3,518.0	15,533.3
Henderson				306	1,044.9	191.0	21,388.0	22,432.9
Henry				434	910.3	267.0	857.0	1,767.3
Knox				1,612	2,430.0	312.0	1,175.0	3,605.0
LaSalle				642	3,507.7	449.0	6,731.0	10,238.7
Marshall				146	6,116.5	192.0	2,705.0	8,821.5
McDonough				635	805.9	307.0	584.0	1,389.9
Mercer				288	1,494.0	275.0	6,851.0	8,345.0
Peoria				683	1,612.7	240.0	9,622.0	11,234.7
Putnam				112	7,252.6	66.0	1,363.0	8,615.6
Rock Island				319	802.9	181.0	14,359.0	15,161.9
Stark				94	190.4	146.0	499.0	689.4
Tazewell				476	4,119.0	316.0	2,418.0	6,537.0
Warren				333	728.9	265.0	904.0	1,632.9
Woodford				420	1,509.6	273.0	6,660.0	8,169.6
		=====						
Total		}		10,094	10,094 46,771.8	4,337.0	4,337.0 81,830.0	128,601.8
		======						=======================================



REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

	LAKE MICHIGAN	RESI	RESERVOIRS	IMPOU	IMPOUNDMENTS	STR	STREAMS	
COUNTY	Acres	N .	Acres	N N	Acres	Miles	Acres	TOTAL
	======================================	ii 		1,302	7,834.6	421.0	======================================	441,035.6
DuPage				613	1,430.5	150.0	695.0	2,125.5
Grundy				435	4,593.7	259.0	3,519.0	8,112.7
Kane				510	895.9	291.0	1,622.0	2,517.9
Kankakee				154	537.2	282.0	3,033.0	3,570.2
Kendall				175	258.8	160.0	1,199.0	1,457.8
Lake	546,918.0			1,060	1,060 13,851.0	188.0	1,093.0	561,862.0
McHenry				818	4,137.0	301.0	1,429.0	5,566.0
4i11				1,074	6,974.5	478.0	5,821.0	12,795.5
	======================================	 		6,141	======================================	2,530.0	2,530.0 21,890.0	1,039,043.2

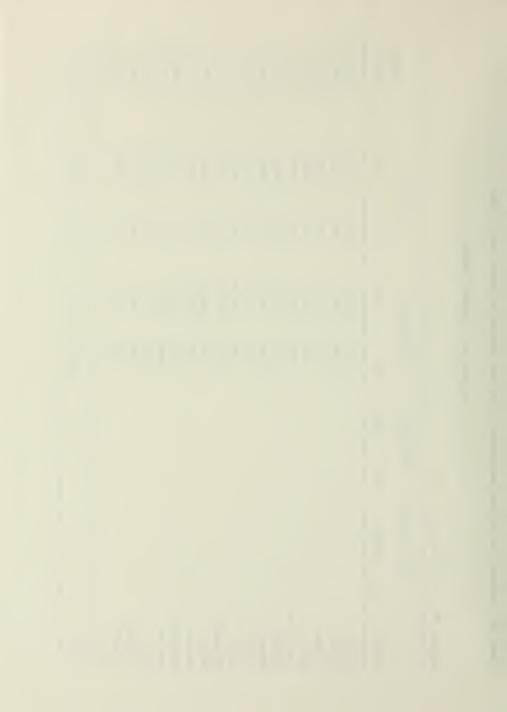


TABLE 2d. Number (or Miles) and Acres of Surface Waters by Water Type (1989).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

		======================================	======================================	IMPOUNDME	======================================	========= STR	STREAMS	
COUNTY	Acres No. Acres		Heres	0 2	H H H	Miles	Hcres	HCRES
Adams		 		2,531		396.0	7,344.0	9,994.6
Brown				1,047	1,042.5	180.0	1,263.0	2,305.5
Calhoun				554	4,219.2	105.0	20,838.0	25,057.2
Cass				206	4,515.4	163.0	1,650.0	6,165.4
Christian				973	4,448.1	320.0	1,103.0	5,551.1
Greene				1,281	1,155.5	274.0	2,683.0	3,838.5
Hancock				1,228	9.982	437.0	12,899.0	13,685.6
Jersey				666	2,154.5	172.0	5,982.0	8,136.5
Logan				176	395.8	225.0	877.0	1,272.8
Macoupin				2,774	4,407.0	441.0	758.0	5,165.0
Mason				306	14,233.4	159.0	2,360.0	16,593.4
Menard				325	487.2	126.0	828.0	1,315.2
Montgomery				1,118	4,901.2	321.0	785.0	5,686.2
Morgan				988	2,838.8	255.0	913.0	3,751.8
Pike				2,002	2,734.1	369.0	11,977.0	14,711.1
Sangamon				086	5,478.3	428.0	1,611.0	7,089.3
Schuyler				1,018	1,473.0	178.0	1,878.0	3,351.0
Scott				445	613.5	151.0	1,271.0	1,884.5
Total		1		18,549	58,534.7	4,700.0	4,700.0 77,020.0	135,554.7
		======	:=======				=======================================	



Number (or Miles) and Acres of Surface Waters by Water Type (1989). TABLE 2e.

REGION 38 - COUNTY SUMMARY

(16 Counties)

REGION 3B

	LAKE MICHIGAN RESERVOIRS	====== RES	======================================	IMPOU	IMPOUNDMENTS	STREAMS	======================================	
COUNTY	Acres	, 0 1	Acres	, oN	Acres	Miles	Acres	ACRES
Champaign		 		137	137 429.6	475.0	475.0 1,664.0	2,093.6
Clark				1,152	1,741.4	269.0	874.0	2,615.4
Coles				278	903.8	240.0	833.0	1,736.8
Cumberland				816	730.7	181.0	514.0	1,244.7
DeWitt				218	5,122.3	174.0	430.0	5,552.3
Douglas				152	257.6	194.0	605.0	862.6
Edgar				246	466.7	287.0	406.0	872.7
Ford				90	189.6	174.0	616.0	805.6
Iroquois				142	545.5	579.0	2,539.0	3,084.5
Livingston				395	688.7	527.0	2,515.0	3,203.7
Macon				183	3,359.1	246.0	780.0	4,139.1
McLean				574	2,165.4	466.0	1,007.0	3,172.4
Moultrie		1	5,550.0	243	239.4	168.0	258.0	6,047.4
Piatt				81	174.3	206.0	540.0	714.3
Shelby		1	5,550.0	200	917.9	316.0	729.0	7,196.9
Vermilion				262	1,885.0	423.0	2,100.0	3,985.0
	=======================================							
Total		-	11,100.0	5,669	5,669 19,817.0	4,925.0	4,925.0 16,410.0	47,327.0

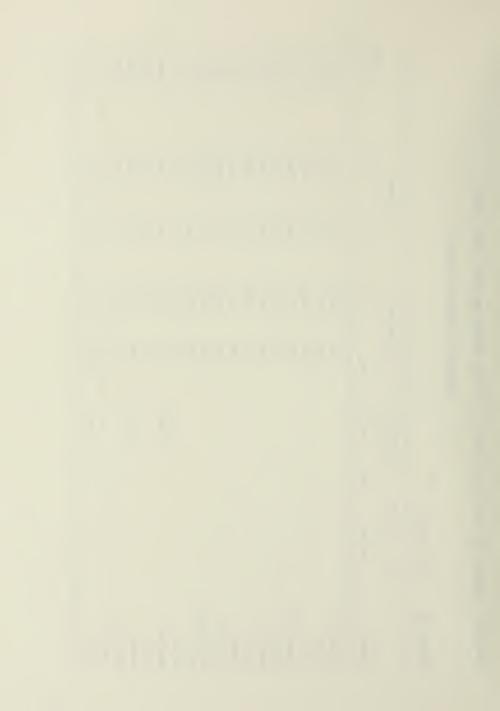
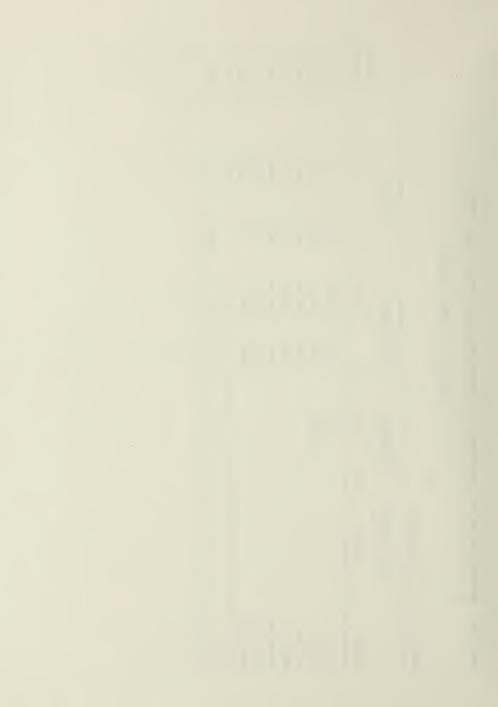


TABLE 2f. Number (or Miles) and Acres of Surface Waters by Water Type (1989).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

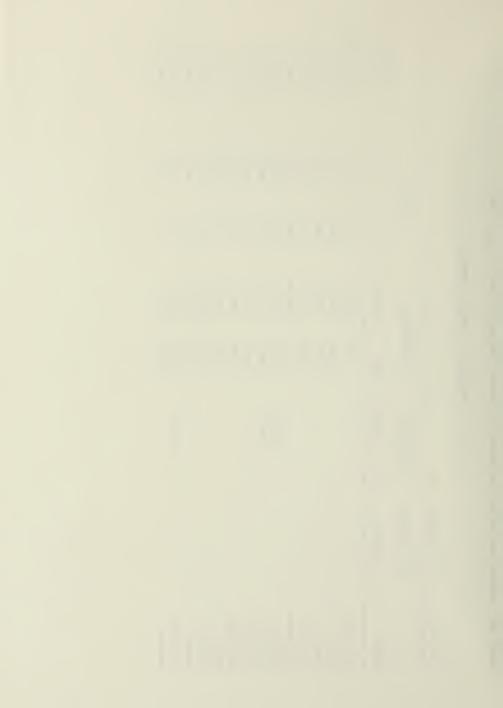
	 ======================================	======================================	======================================		======== GTD		
							TOTAL
COUNTY	No.	Acres	No.	Acres	Miles	Acres	ACRES
Bond	 	850.0	1,313	2,063.8	204.0	204.0 457.0	3,370.8
Clinton	-	1 18,930.0	953	811.6	201.0	1,257.0	20,998.6
Madison			2,176	6,443.8	347.0	4,041.0	10,484.8
Monroe			1,596	1,930.8	222.0	6,097.0	8,027.8
Randolph			1,341	2,892.6	265.0	8,278.0	11,170.6
St. Clair			1,554	3,856.0	319.0	2,608.0	6,464.0
Washington			1,489	1,712.1	322.0	822.0	2,534.1
Total		1 19,780.0	10,422	10,422 19,710.7	1,880.0	1,880.0 23,560.0	63,050.7



REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

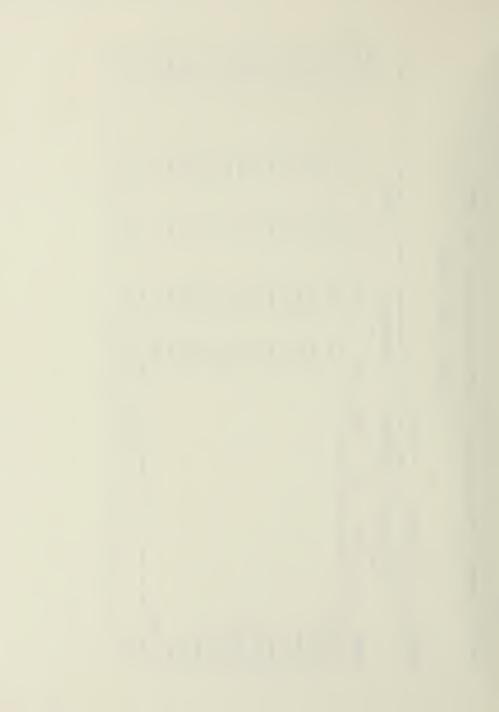
				 				-
	LAKE MICHIGAN	RE 5	RESERVOIRS	IMPOUN	IMPOUNDMENTS	STRE	STREAMS	
COUNTY		0 Z	Acres	, 0 V	Acres	Miles	Acres	HCRES
======================================		 		387	387 2,312.8	112.0	112.0 8,580.0	10,892.8
Clay				1,132	852.1	308.0	0.777	1,629.1
Crawford				1,294	8.796	263.0	1,362.0	2,329.8
Edwards				289	480.8	143.0	336.0	816.8
Effingham				1,031	1,286.8	238.0	515.0	1,801.8
Fayette		1	4,800.0	1,276	1,811.8	367.0	1,255.0	7,866.8
Franklin		1	10,800.0	1,683	2,279.8	162.0	599.0	13,678.8
Gallatin				460	654.4	125.0	1,297.0	1,951.4
Hamilton				1,579	894.4	184.0	410.0	1,304.4
Hardin				531	454.2	93.0	163.0	617.2
Jackson				1,525	5,036.6	340.0	4,172.0	9,208.6
Jasper				1,289	2,630.6	253.0	930.0	3,560.6
Jefferson		1	8,100.0	2,328	1,562.7	182.0	309.0	9,971.7
Johnson				1,855	3,024.9	174.0	524.0	3,548.9



REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties) - continued

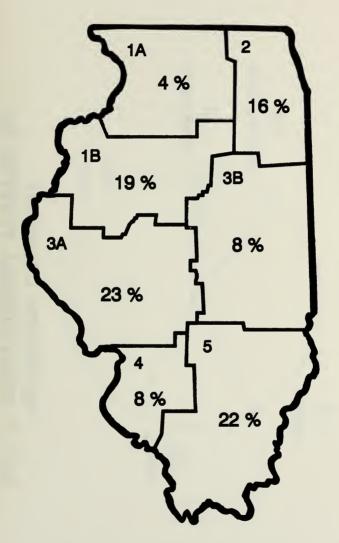
1 1 1 1 1 1 1 1								
	Acres	N 0.	Acres	0 2	Acres		Acres	HCRES
======================================		 		757	757 698.5		202.0 1,517.0	2,215.5
Marion				1,780	3,100.1	314.0	530.0	3,630.1
Massac				696	1,334.8	91.0	319.0	1,653.8
Perry				1,514	2,204.4	251.0	424.0	2,628.4
Pope				1,080	939.4	198.0	486.0	1,425.4
Pulaski				823	636.2	93.0	244.0	880.2
Richland				922	1,916.5	170.0	383.0	2,299.5
Saline				1,264	2,382.9	122.0	242.0	2,624.9
Union				2,141	3,253.5	212.0	2,976.0	6,229.5
Wabash				206	344.9	105.0	2,255.0	2,599.9
Mayne				2,268	1,648.3	350.0	981.0	2,629.3
White				937	995.3	254.0	3,592.0	4,587.3
Williamson				2,026	12,454.1	194.0	432.0	12,886.1



REGIONAL AND COUNTY SUMMARY OF IMPOUNDMENTS BY OWNERSHIP CATEGORY



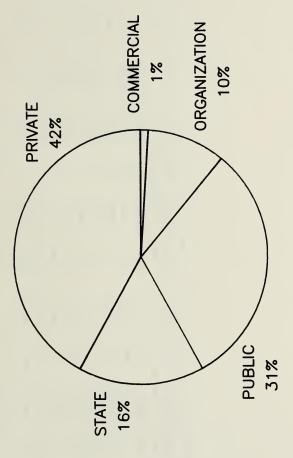
FIG.3. IMPOUNDMENT ACREAGE BY REGION



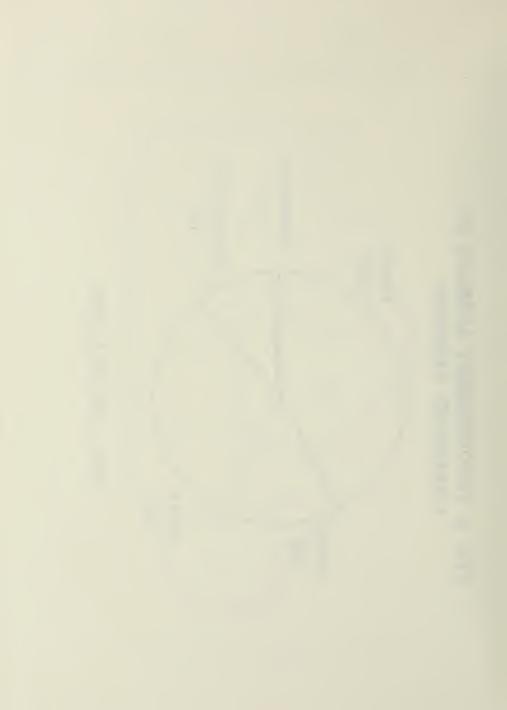
TOTAL = 252,402.6 ACRES



FIG. 4. IMPOUNDMENT ACREAGE BY OWNERSHIP CATEGORY



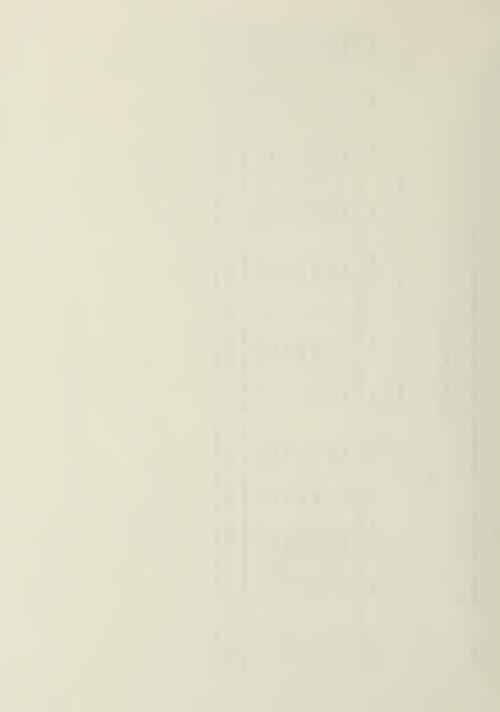
TOTAL = 252,402.6 ACRES



Number and Acres of Impoundments by Ownership Category (1989). TABLE 3.

REGION SUMMARY

	=========		=========		=======						
	State		Public	Organ	Organization	Com	Commercial	Pri	Private		Total
, o N	Acres No.	N o	Hcres	No.	Acres No.	N 0	Acres	0 N	Hcres	0 N	Acres
13	13 680.7 26 4,896.8	26	4,896.8	58	58 2,301.7 22 218.1	22	218.1	1,590	1,590 2,799.3 1,709 10,896.6	1,709	10,896.6
32	32 12,651.5 45 9,181.9	45	9,181.9	403	4,091.2	64	645.7	9,550	403 4,091.2 64 645.7 9,550 20,201.5 10,094 46,771.8	10,094	46,771.8
234	234 5,625.0 295 12,017.2	295	12,017.2	928	928 11,588.8 91	91	376.3	4,593	4,593 10,905.9 6,141 40,513.2	6,141	40,513.2
26	26 5,637.9 97 23,114.4	97	23,114.4	134	134 2,220.5 97	97	591.7	18,195	591.7 18,195 26,970.2 18,549 58,534.7	18,549	58,534.7
48	48 5,494.6 86 7,422.8	98	7,422.8	179	179 1,268.1 37	37	170.5	5,319	5,319 5,461.0 5,669 19,817.0	5,669	19,817.0
9	6 2,721.3 30 1,655.9	30	1,655.9	172	1,530.1	122	707.4	10,092	172 1,530.1 122 707.4 10,092 13,096.0 10,422 19,710.7	10,422	19,710.7
69	69 6,533.2 106 19,767.7	106	19,767.7	123	1,904.4	22	336.0	33,767	123 1,904.4 75 336.0 33,767 27,617.3 34,140 56,158.6	34,140	56,158.6
428	39,344.2		428 39,344.2 685 78,056.7 1,997 24,904.8 508 3,045.7 83,106 107,051.2 86,724 252,402.6	1,997	24,904.8	208	1,045.7	83,106	83,106 107,051.2	======= 86,724	======================================
11		 									

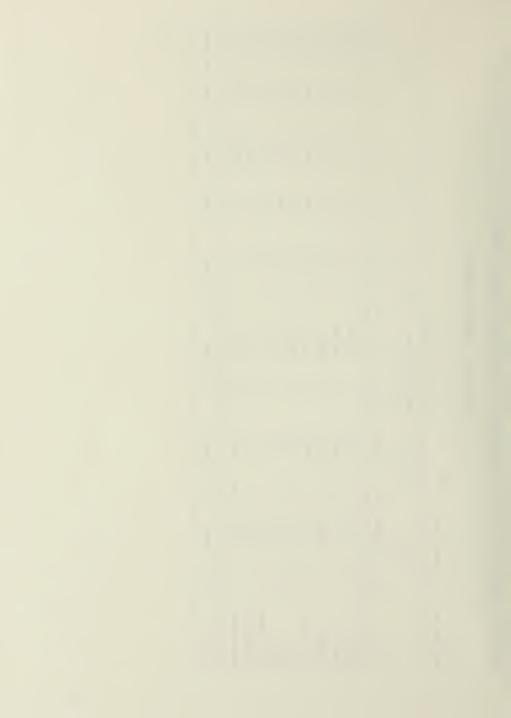


Number and Acres of Impoundments by Ownership Category (1989). TABLE 3a.

REGION 18 - COUNTY SUMMARY

REGION 1A <9 Counties>

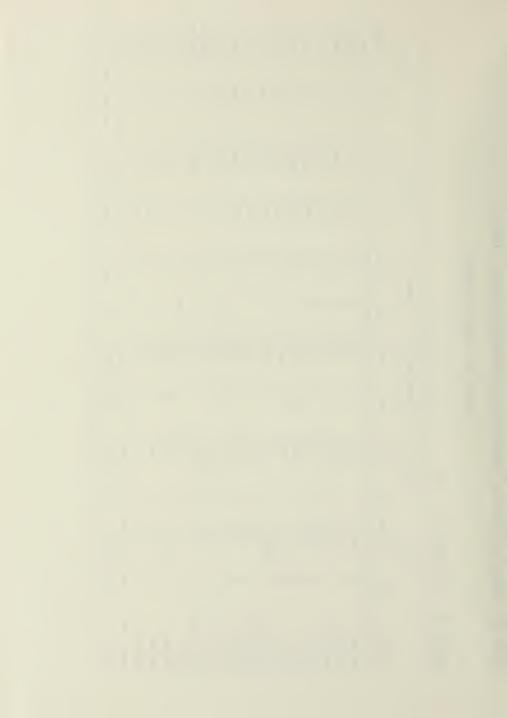
1	Total	Acres	548.3	4,930.4	611.5	1,524.0	759.9	292.4	269.1	848.9	1,112.1	1709 10,896.6
	To		121	150	181	190	400	158	138	156	215	1709
	יי פי	Acres	119.3	370.8	222.2	400.0	614.0	189.4	211.7	316.3	355.6	2,799.3
	Private	No.	112	144	166	183	389	149	133	139	175	1590
1	Commercial	Acres	1.0	9.8	38.7	0.0	57.4	24.0	0.0	16.0	72.4	218.1
	C 0 m		п	1	S	0	9	2	0	е	4	22
	Organization	Acres No.	425.6	0.009	28.0	621.0	88.5	79.0	10.0	41.5	408.1	2,301.7
11 11 11 11 11 11 11 11 11 11 11 11 11	Organi	. U	9	-	8	m	S	~	7	4	22	58
	Public	Acres	2.4	3,950.0	3.8	503.0	0.0	0.0	4.0	367.5	66.1	26 4,896.8
11		. I	2	е	-	4	0	0	2	4	10	26
	State	Acres	0.0	1.0	318.8	0.0	0.0	0.0	43.4	107.6	209.9	680.7
	Ú	. I	0	-	-	0	0	0	-	9	4	13
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		County	Boone	Carroll	DeKalb	JoDaviess	Lee	Ogle	Stephenson	Whiteside	Winnebago	Total



REGION 1B - COUNTY SUMMARY

REGION 1B (16 Counties)

			 				;; ;; ;; ;;				=======	=========
		State	i !	Public	Organ	Organization	Com	Commercial	Pri	Private		Total
County	Š.	Acres	No.	Acres	0 Z	Acres	0	Acres	No.	Acres	, 0 N	Acres
Bureau	4	564.0	-	724.5	16	223.2	0	0.0	240	719.4	261	2,231.1
Fulton	2	2,746.8	2	295.4	132	773.1	18	523.1	2574	6.929,2	2733	12,015.3
Henderson	-	27.0	2	144.7	1	375.0	0	0.0		498.2	306	1,044.9
Henry	8	67.5	2	6.5	45	212.7	0	0.0	379	623.6	434	910.3
Knox	7	7.1	-	132.5	115	583.6	-	19.5		1,687.3	1612	2,430.0
LaSalle	-	2,058.0	2	70.2	13	397.2	4	11.0		971.3	642	3,507.7
Marshall	E	3,869.0	0	0.0	2	254.5	0	0.0		1,993.0	146	6,116.5
McDonough	-	95.1	4	285.9	m	7.3	E	5.0		412.6	635	805.9
Mercer	0	0.0	Э	627.0	С	190.0	4	38.0		639.0	288	1,494.0
Peoria	0	0.0	5	35.1	25	154.6	9	7.7	947	1,415.3	983	1,612.7
Putnam	-	55.0	4	6,614.0	4	130.5	4	0.8		452.3	112	7,252.6
Rock Island	0	0.0	5	171.4	-	55.0	8	12.4	,	564.1	319	802.9
Stark	0	0.0	0	0.0	1	25.0	0	0.0	66	165.4	94	190.4
Tazewell	6	3,162.0	9	30.5	30	352.2	2	15.4	424	558.9	476	4,119.0
Warren	0	0.0	2	14.2	e	322.9	0	0.0	328	391.8	933	728.9
Moodford	0	0.0	1	30.0	9	34.4	6	12.8	404	1,432.4	420	1,509.6
Total	32	======================================	4 	9 181 9	======	4 091 2	==== 5.4	645 7	 055 P	20 201 5	10 094	======================================
	J		2		;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	-,0,1	- ii - ii - ii	: II				



REGION 2 - COUNTY SUMMRRY

REGION 2 (9 Counties)

	Private	No. Acres No. Acres		371 437.1 613 1,430.5		392 460.4 510	136 361.6 154	151 179.8 175 258.8	6 858 2,477.6 1060 13,851.0	5 761 1,051.9 818 4,137.0	917 3,064.3 1074 6,974.5	
	Commercial	Acres	36.5	13.1	60.0	36.2	27.5	0.0	28.6	22.6	151.8	376.3
	Co	0 Z	11	6	2	4	S	0	4	10	9	91
	Organization	Heres	292 1,258.6 11	497.8	850.1	281.4	138.6	48.8	127 5,029.3	2,662.7	138 821.5	======================================
	Organ	0	292	158	89	63	1.1	12	127	38	138	928
	Public	Heres	434.2 133 4,640.6	482.5	0.0	117.9	0 0.0 2 9.5	3.9	84.7 56 6,230.8	6 325.4	206.6	295 12,017.2
	 	0 2	133	75	0	11	2	2	26	9	10	
	State	Heres	434.2	0.0	2,275.1	0.0	0.0	26.3	84.7	74.4	2,730.3 10	5,625.0
		0 2	5	0	198	0	0	10	15	m	е	234
		County	Cook	DuPage	Grundy	Kane	Kankakee	Kendall	Lake	McHenry	Mill	 Total

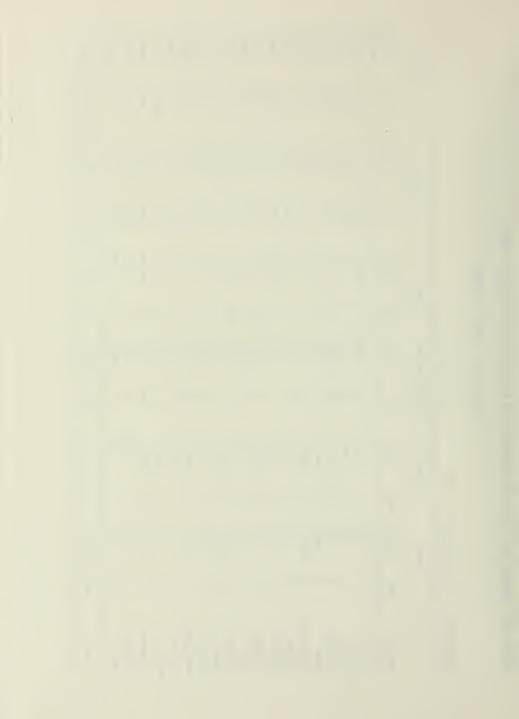


TABLE 3d. Number and Acres of Impoundments by Ownership Category (1989).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

		5tate		Public	Organi	Jrganization	Com	Commercial	Pri.	Private	 	Total
County	. 0 2	Acres	0 I	Acres	0 Z	Heres	0 2	Heres	0 2	Heres	, o N	Acres
Adams	1	58.0	~	30.6	8	92.0	5	98.5	2510	2,371.5	2531	2,650.6
Brown	0	0.0	1	26.1	0	0.0	Э	4.5	1043	1,011.9	1047	1,042.5
Calhoun	0	0.0	10	2,943.1	18	638.4	0	0.0	526	637.7	554	4,219.2
Cass	0	0.009	2	627.0	11	32.0	7	4.0	491	3,252.4	206	4,515.4
Christian	æ	2,551.1	9	1,402.1	Ŋ	70.0	~	73.4	349	351.5	373	4,448.1
Greene	0	0.0	5	103.7	8	18.5	2	7.7	1266	1,025.6	1281	1,155.5
Hancock	-	12.6	5	78.0	-	0.3	2	50.0	1219	645.7	1228	786.6
Jersey	0	0.0	8	1,369.1	4	34.8	15	59.8	972	8.069	666	2,154.5
Logan	0	0.0	0	0.0	2	121.8	10	81.9	159	192.1	176	395.8
Macoupin	-	56.6	14	1,439.6	56	403.4	23	121.7	2710	2,385.7	2774	4,407.0
Mason	17	1,103.3	5	5,947.5	2	52.9	1	0.5	281	7,129.2	306	14,233.4
Menard	0	0.0	Э	2.2	4	208.2	0	0.0	318	276.8	325	487.2
Montgomery	-	1,102.0	9	2,740.3	10	50.3	9	12.0	1095	9.966	1118	4,901.2
Morgan	0	0.0	~	1,857.5	89	166.8	2	4.7	698	806.8	988	2,838.8
Pike	0	0.0	2	257.1	-	33.8	4	45.0	1995	2,401.2	2002	2,734.1
Sangamon	-	150.5	12	4,286.7	16	82.1	15	31.0	936	928.0	980	5,478.3
Schuyler	-	3.8	-	3.8	2	19.7	0	0.0	1014	1,445.7	1018	1,473.0
Scott	0	0.0	0	0.0	Э	195.5	0	0.0	442	418.0	445	613.5
Total	=====	5,637.9		23,114.4	134	2,220.5		591.7	18,195	26,970.2	======= 18,549	58,534.7
11 11 11 11 11 11 11 11 11 11 11 11 11	11 11 11	11 11 11 11 11 11 11 11	11 11		11 11 11 11 11 11 11				=======			

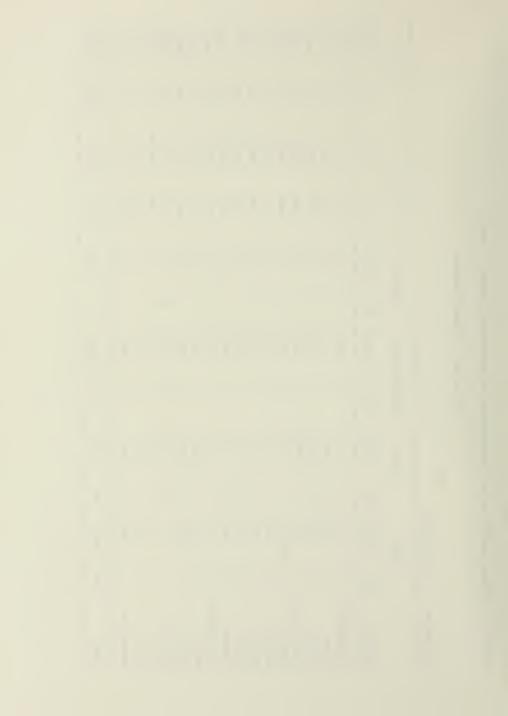


Number and Acres of Impoundments by Ownership Category (1989). TABLE 3e.

REGION 38 - COUNTY SUMMARY

REGION 3B (16 Counties)

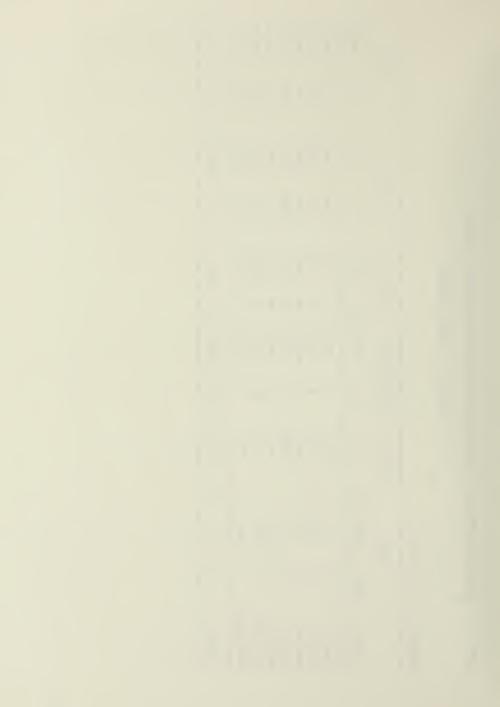
		State		Public	Organi	Organization	Com	Commercial	Priv			
County	, 0 Z	Acres	. N	Acres	0	Acres	0	Acres	0 Z	Heres	0 2	Heres
Champaign	1	0.8	=	134.1	17	110.9	S	22.0	103	161.8	137	429.6
Clark	-	145.6	C	815.1	~	19.6	0	0.0	1141	761.1	1152	1,741.4
Coles	2	14.4	S	627.0	1	3.0	0	0.0	270	259.4	278	903.8
Cumberland	0	0.0	æ	340.2	4	16.2	1	4.0	808	370.3	816	730.7
DeWitt	2	4,924.4	4	14.5	10	19.7	е	5.0	199	158.7	218	5,122.3
Douglas	-	58.7	0	0.0	e	46.3	0	0.0	148	152.6	152	257.6
Edgar	0	0.0	2	219.5	е	9.0	0	0.0	241	238.2	246	466.7
Ford	0	0.0	0	0.0	S	30.0	1	5.0	84	154.6	90	189.6
Iroquois	0	0.0	1	1.0	10	270.3	4	41.0	127	233.2	142	545.5
Livingston	0	0.0	Э	9.1	4	8.0	5	21.6	383	650.0	395	688.7
Macon	0	0.0	9	3,101.2	S	16.2	1	1.0	171	240.7	183	3,359.1
McLean	-	158.0	S	1,347.7	15	94.9	8	52.3	545	512.5	574	2,165.4
Moultrie	S	4.5	22	42.3	10	26.4	0	0.0	206	166.2	243	239.4
Piatt	0	0.0	~	24.1	e	2.5	1	1.3	20	146.4	81	174.3
Shelby	4	Э.2	S	523.3	ស	23.7	4	6.3	682	360.9	200	917.9
Vermilion	31	184.5	6	223.7	22	571.4	4	11.0	141	894.4	262	1,885.0
Total	4 8	5,494.6	98	7,422.8	179	1,268.1	37	170.5	5,319	5,461.0	5,669	19,817.0



REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

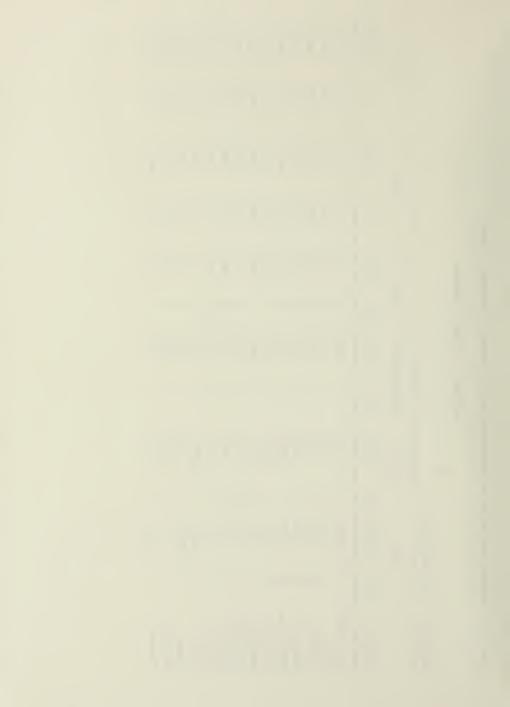
	 	State		Public	Organ	Organization	Соми	Commercial	Pri	Private	 	 Total
County	0 Z	Acres No.	0	Acres	o N	Acres No.	, 0 2	Acres	0 Z	Acres	0 Z	Acres
Bond	0	0.0	2	800.1		48.1	8	67.5	1296	1,148.1	1313	2,063.8
Clinton	0	0.0	0	0.0	8	31.5	-	31.5 1 4.5		775.6	953	811.6
Madison	0	0.0	6	583.5	43	837.6	56	108.0		4,914.7	2176	6,443.8
Monroe	0	0.0	4	46.9	4	165.8	30	81.0	1518	1,637.1	1596	1,930.8
Randolph	m	1,351.3	Э	94.5	6	6 9.29	6	105.0	1317	1,274.2	1341	2,892.6
St. Clair	2	1,122.0	8	56.2	25	350.2	40	280.5	1447	2,047.1	1554	3,856.0
Washington	-	248.0	4	74.7	4	29.3	8	6.09	1472	1,299.2	1489	1,712.1
Total	9	6 2,721.3	ii i	30 1,655.9	172	172 1,530.1 122	122	11 1	10,092	707.4 10,092 13,096.0 10,422 19,710.7	10,422	19,710.7
					1 1 1 1 1		 				 	



REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

		State		Public	Organi	Organization	Come	Commercial	Pri	Private		Total
County	, 0 N	Acres	, 0 2	Acres	O.	Acres	, 0 ,	Acres	0 0	Acres	0 0	Acres
Alexander	1	1,890.0	. 2	12.6	1	18.8	2	7.5	381	383.9	387	2,312.8
Clay	0	0.0	2	11.4	9	116.4	0	0.0	1124	724.3	1132	852.1
Crawford	0	0.0	-	5.5	~	51.3	0	0.0	1286	911.0	1294	967.8
Edwards	0	0.0	4	44.2	Э	27.4	0	0.0	782	409.2	289	480.8
Effingham	0	0.0	2	0.909	4	15.6	9	43.0	1019	622.2	1031	1,286.8
Fayette	5	50.9	5	761.1	4	25.4	E	22.5	1259	951.9		1,811.8
Franklin	-	0.4	15	802.9	~	164.9	E	42.5	1657	1,266.1	1683	2,279.8
Gallatin	0	0.0	2	49.6	-	10.2	0	0.0	457	594.6	460	654.4
Hamilton	1	71.3	2	78.1	0	0.0	e	10.6	1573	734.4	1579	894.4
Hardin	0	0.0	2	15.0	0	0.0	32	30.1	464	409.1	531	454.2
Jackson	^	155.5	m	2,894.1	13	429.8	7	6.5	1500	1,550.7	1525	5,036.6
Jasper	7	1,880.0	0	0.0	4	24.5	0	0.0	1283	726.1	1289	2,630.6
Jefferson	1	7.7	4	127.2	4	233.5	0	0.0	2319	1,194.3	2328	1,562.7
Johnson	4	296.0	m	178.4	2	27.0	-	50.0	1845	2,473.5	1855	3,024.9



Number and Acres of Impoundments by Ownership Category (1989). TABLE 39.

REGION 5 - COUNTY SUMMARY

2026 696 1514 1080 922 1264 2141 506 2268 34,140 780 823 937 757 Acres 9.898 1,497.0 3,094.9 27,617.3 578.0 836.2 1,682.4 623.9 598.2 588.6 1,775.3 1,388.2 230.1 Private 1989 1073 1241 2122 2260 33,767 748 753 958 1481 814 917 502 930 336.0 30.0 0.0 21.0 Acres 0.0 8.0 0.0 Commercial No. 25 S Acres 71.5 46.6 39.3 0.0 45.8 5.9 13.8 51.8 55.9 58.3 1.7 1,904.4 Organization 123 No. 0.0 307.5 4.6 1.0 14.3 34.8 Acres 9.0 9,150.6 106 19,767.7 ,521.8 348.0 1,326.2 435.8 1,025.0 (27 Counties) - continued Public No. 13 12 40.0 0.0 Acres 452.0 134.7 0.0 6,533.2 530.1 0.0 105.0 725.6 State 25 12 69 No. 0 0 0 Williamson REGION 5 Lawrence Richland Pulaski Massac County Marion Saline Wabash Perry Union Pope Mayne White Total

Acres

Total

698.5

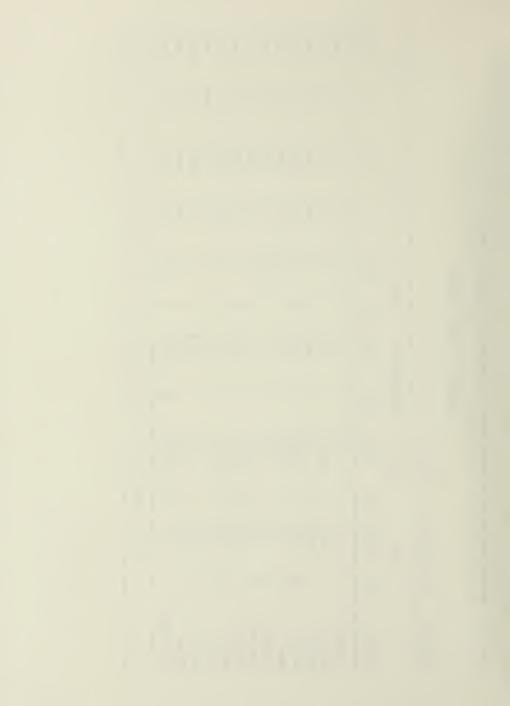
1,334.8

2,204.4 939.4

3,100.1

636.2 1,915.5 2,382.9 3,253.5 344.9 56,158.6

1,648.3 995.3 12,454.1



NUMBER AND ACRES
OF IMPOUNDMENTS
BY SIZE CATEGORY



Table 4. Number and Acres of Impoundments by Size Categories (1989)

Gi G-bi	Arti	ficial	Na	tural
Size Categories Acres	Number	Total Acreage	Number	Total Acreage
0.1 to 0.4	43,412	9,852.0	1,526	386.9
0.5 to 0.9	19,674	12,444.9	838	581.7
1.0 to 5.9	17,098	32,874.9	1,192	2,995.2
6.0 to 10.9	1,085	8,381.3	202	1,639.7
11.0 to 40.9	911	16,977.0	307	6,292.9
41.0 to 100.9	158	9,313.9	90	5,624.7
101.0 to 500.9	78	16,358.6	78	16,361.3
501 plus	43	65,815.5	32	46,502.1
TOTAL	82,459	172,018.1	4,265	80,384.5
PERCENT	95.08%	68.15%	4.92%	31.85%

COMBINED TOTAL OF ARTIFICIAL AND NATURAL IMPOUNDMENTS

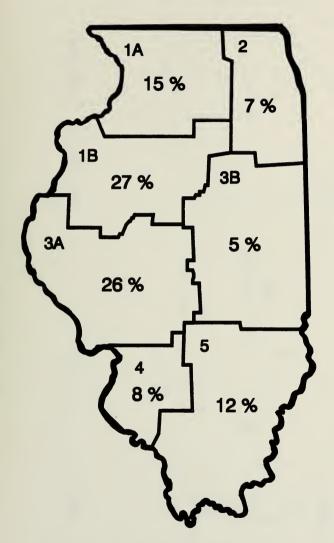
Size Categories				
Acres	Number	Percent	Acreage	Percent
0.1 to 0.4	44,938	51.82%	10,238.9	4.06%
0.5 to 0.9	20,512	23.65%	13,026.6	5.16%
1.0 to 5.9	18,290	21.09%	35,870.1	14.21%
6.0 to 10.9	1,287	1.48%	10,021.0	3.97%
11.0 to 40.9	1,218	1.40%	23,269.9	9.22%
41.0 to 100.9	248	0.29%	14,938.6	5.92%
101.0 to 500.9	156	0.18%	32,719.9	12.96%
501 plus	75	0.09%	112,317.6	44.50%
TOTAL	86,724	100.00%	252,402.6	100.00%
Ponds (0.1 to 5.9				
acres)	83,740	96.56%	59,135.6	23.43%
Lakes (6.0 acres	·		•	
plus)	2,984	3.44%	193,267.0	76.57%



REGIONAL SUMMARY
OF STREAMS
BY WIDTH CATEGORY



FIG.5. STREAM ACREAGE BY REGION



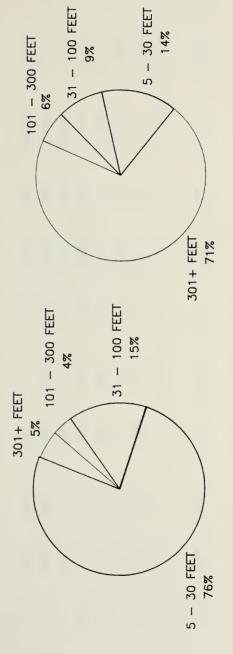
TOTAL = 300,000 ACRES



FIG. 6. MILES AND ACRES OF STREAMS BY WIDTH CATEGORY

MILES OF STREAMS

ACRES OF STREAMS



TOTAL = 26,310 MILES

TOTAL = 300,000 ACRES

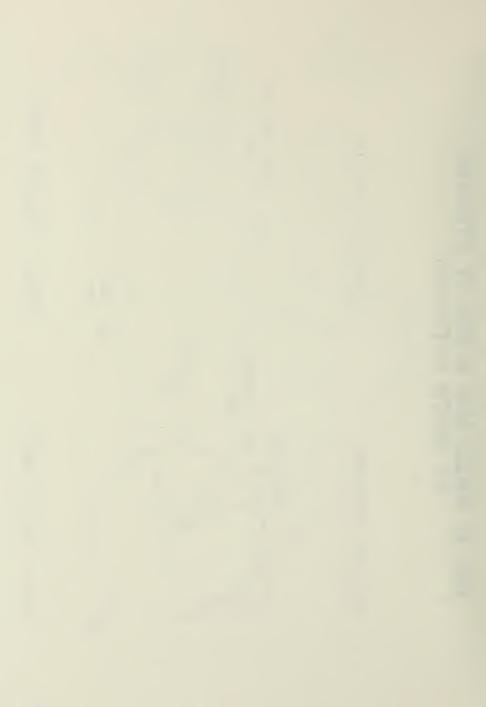
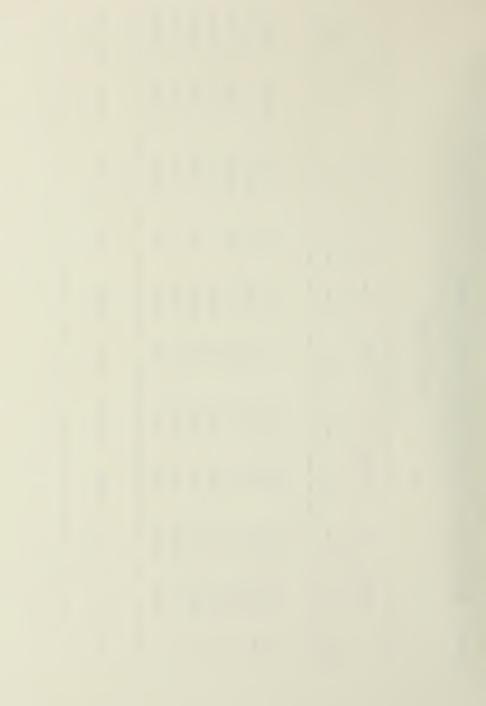


TABLE 5. Miles and Acres of Streams by Width Categories (1989)

REGION SUMMARY

]	Hcres	43,680	81,830	21,890	77,020	16,410	23,560	35,610	 	300,000	
 Total	Miles	2,438	4,337	2,530	4,700	4,925	1,880	5,500	 	26,310	
31-100 ft. wide 101-300 ft. wide 301 plus ft. wide		36,070	66,960	10,000	61,770	230	17,070	20,200	 	212,600	
======== 301 plu	Miles	203	305	150	320	25	110	270	 	1,380	
ft. wide	Acres	1,670	1,680	4,710	3,050	1,610	2,260	3,020		18,000	
101-300	Miles	115	115	200	165	110	115	210	 	1,030	
======================================	Acres	2,150	5,560	1,730	5,080	5,570	1,600	4,510		26,200	
31-100	Miles	290	800	200	805	840	285	089	 	3,900	
======================================	Acres	3,790	7,630	5,450	7,120	8,700	2,630	7,880		43,200	
======================================	Miles	1,830	3,120	1,980	3,410	3,950	1,370	4,340		20,000	11
 	Region	1-Н	1-B	2	3-В	3-B	4	S		Total	

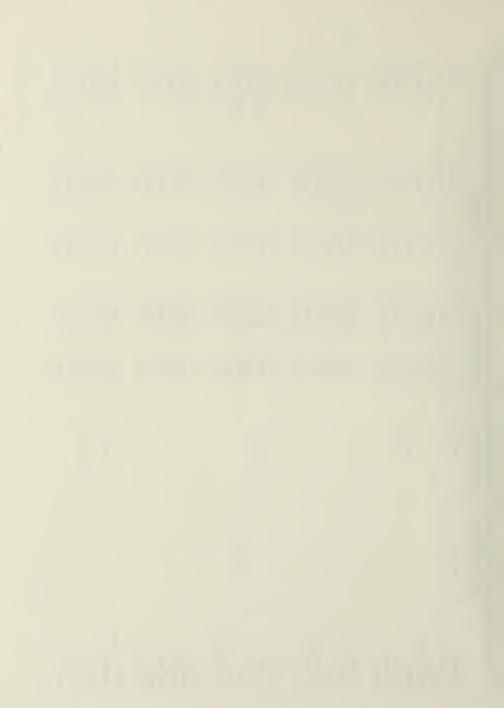


ALPHABETICAL LISTING BY COUNTY OF SURFACE WATERS BY WATER TYPES

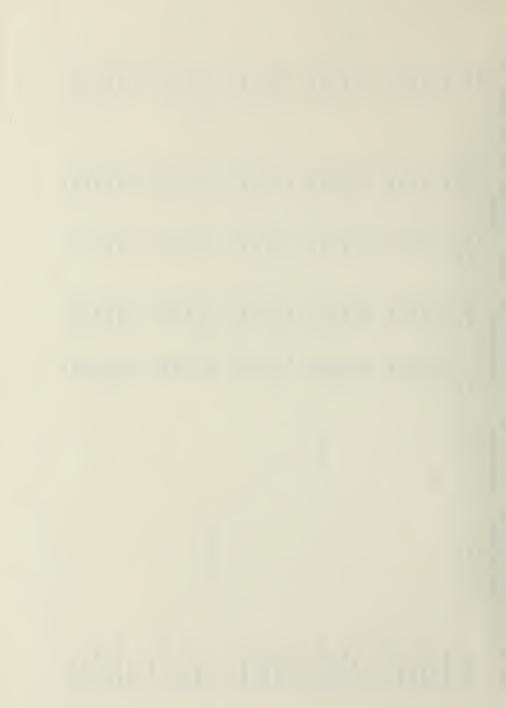


Alphabetical Listing by County of Surface Waters, by Water Types (1989) TABLE 6.

	LAKE MICHIGAN	RE	RESERVOIRS	IMPOUNDMENTS	DMENTS	STRI	STREAMS	LAKE MICHIGAN RESERVOIRS IMPOUNDMENTS STREAMS
COUNTY	Acres	No.		N N	Acres	Miles	Heres	TOTAL
Adams and				2.531	======================================	396.0	======================================	9 494 6
Alexander				387	2,312.8	112.0	8,580.0	10,892.8
Bond			850.0	1,313	2,063.8	204.0	457.0	3,370.8
Boone				121	548.3	110.0	321.0	869.3
Brown				1,047	1,042.5	180.0	1,263.0	2,305.5
Bureau				261	2,231.1	409.0	2,196.0	4,427.1
11-0				27.4	4 219 2	105 0	0 000 00	25 057 2
Carnoun				- 60	4 930 4	244.0	12 514 0	12 444 4
Carroll				100	1,330.1	0.447	12,314.0	10,444.4
Lass .				200	+,010,4	163.0	1,630.0	6,163.4
Champaign				751	429.6	473.0	1,664.0	2,093.6
Christian				973	4,44B.I	320.0	1,103.0	1,155,5
Clark				1,152	1,741.4	269.0	874.0	2,615.4
Clay				1,132	852.1	308.0	727.0	1,629.1
Clinton		-	18,930.0	953	811.6	201.0	1,257.0	20,998.6
Coles				278	903.8	240.0	833.0	1,736.8
Cook	429,722.0			1,302	7,834.6	421.0	3,479.0	441,035.6
Crawford				1,294	967.8	263.0	1,362.0	2,329.8
Cumberland				816	730.7	181.0	514.0	1,244.7
DeKelh				181	6115	265 0	622 0	1 233 5
DeWitt				218	5.122.3	174.0	430.0	5,552.3
Douglas				152	257.6	194.0	605.0	862.6
DuPage				613	1,430.5	150.0	695.0	2,125.5
Edgar				246	466.7	287.0	406.0	872.7
Edwards				789	480.8	143.0	336.0	816.8
Effingham				1,031	1,286.8	238.0	515.0	1,801.8
Fayette		1	4,800.0	1,276	1,811.8	367.0	1,255.0	7,866.8
Ford				90	189.6	174.0	616.0	805.6
Franklin		-	10,800.0	1,683	2,279.8	162.0	599.0	13,678.8
Fulton				2,733	12,015.3	448.0	3,518.0	15,533.3
Gallatin				460	654.4	125.0	1,297.0	1,951.4



	LAKE MICHIGAN	RES	======================================	IMPOUNDMENTS	======================================	========= STRE	STREAMS	
COUNTY	Beres	No.	Acres	No.	Acres	Miles	Acres	TOTAL ACRES
Greene				1,281	1,281 1,155.5	274.0	274.0 2,683.0	3,838.5
Grundy				435	4,593.7	259.0	3,519.0	8,112.7
Hamilton				1,579	894.4	184.0	410.0	1,304.4
Hancock				1,228	786.6	437.0	12,899.0	13,685.6
Hardin				531	454.2	93.0	163.0	617.2
Henderson				306	1,044.9	191.0	21,388.0	22,432.9
Henry				434	910.3	267.0	857.0	1,767.3
Iroquois				142	545.5	579.0	2,539.0	3,084.5
Jackson				1,525	5,036.6	340.0	4,172.0	9,208.6
Jasper				1,289	2,630.6	253.0	930.0	3,560.6
Jefferson		-	8,100.0	2,328	1,562.7	182.0	309.0	9,971.7
Jersey				666	2,154.5	172.0	5,982.0	8,136.5
JoDaviess				190	1,524.0	324.0	11,702.0	13,226.0
Johnson				1,855	3,024.9	174.0	524.0	3,548.9
Kane				510	895.9	291.0	1,622.0	2,517.9
Kankakee				154	537.2	282.0	3,033.0	3,570.2
Kendall				175	258.8	160.0	1,199.0	1,457.8
Knox				1,612	2,430.0	312.0	1,175.0	3,605.0
Lake	546,918.0			1,060	13,851.0	188.0	1,093.0	561,862.0
LaSalle				642	3,507.7	449.0	6,731.0	10,238.7
Lawrence				757	698.5	202.0	1,517.0	2,215.5
Lee				400	759.9	290.0	2,288.0	3,047.9
Livingston				395	688.7	527.0	2,515.0	3,203.7
Logan				176	395.8	225.0	877.0	1,272.8
Macon				183	3,359.1	246.0	780.0	4,139.1
Macoupin				2,774	4,407.0	441.0	758.0	5,165.0
Madison				2,176	6,443.8	347.0	4,041.0	10,484.8
Marion				1,780	3,100.1	314.0	530.0	3,630.1
Marshall				146	6,116.5	192.0	2,705.0	8,821.5
Mason				306	14,233.4	159.0	2,360.0	16,593.4



	LAKE MICHIGAN RESERVOIRS IMPOUNDMENTS STREAMS	RE	RESERVOIRS	IMPOUNI	IMPOUNDMENTS	STRI	STREAMS	
COUNTY	Acres	N .	Acres	N 0 N	Acres	Miles	Acres	TOTAL ACRES
Massac		 		:======== 696	1.334.8	91.0	======================================	1.653.8
McDonough				635	805.9	307.0	584.0	1,389.9
McHenry				818	4,137.0	301.0	1,429.0	5,566.0
McLean				574	2,165.4	466.0	1,007.0	3,172.4
Menard				325	487.2	126.0	828.0	1,315.2
Mercer				288	1,494.0	275.0	6,851.0	8,342.0
Monroe				1,596	1,930.8	222.0	6,097.0	8,027.8
Montgomery				1,118	4,901.2	321.0	785.0	5,686.2
Morgan				988	2,838.8	255.0	913.0	3,751.8
Moultrie		-	5,550.0	243	239.4	168.0	258.0	6,047.4
Ogle				158	292.4	318.0	3,551.0	3,843.4
Peoria				686	1,612.7	240.0	9,622.0	11,234.7
Perry				1,514	2,204.4	251.0	424.0	2,628.4
Piatt				81	174.3	206.0	540.0	714.3
Pike				2,002	2,734.1	369.0	11,977.0	14,711.1
Pope				1,080	939.4	198.0	486.0	1,425.4
Pulaski				823	636.2	93.0	244.0	880.2
Putnam				112	7,252.6	0.99	1,363.0	8,615.6
Randolph				1,341	2,892.6	265.0	8,278.0	11,170.6
Richland				922	1,916.5	170.0	383.0	2,299.5
Rock Island				319	802.9	181.0	14,359.0	15,161.9
Saline				1,264	2,382.9	122.0	242.0	2,624.9
Sangamon				086	5,478.3	428.0	1,611.0	7,089.3
Schuyler				1,018	1,473.0	178.0	1,878.0	3,351.0
Scott				445	613.5	151.0	1,271.0	1,884.5
Shelby		-	5,550.0	200	917.9	316.0	729.0	7,196.9
Stark				94	190.4	146.0	499.0	689.4
St. Clair				1,554	3,856.0	319.0	2,608.0	6,464.0
Stephenson				138	269.1	292.0	1,319.0	1,588.1
Tazewell				476	4,119.0	316.0	2,418.0	6,537.0

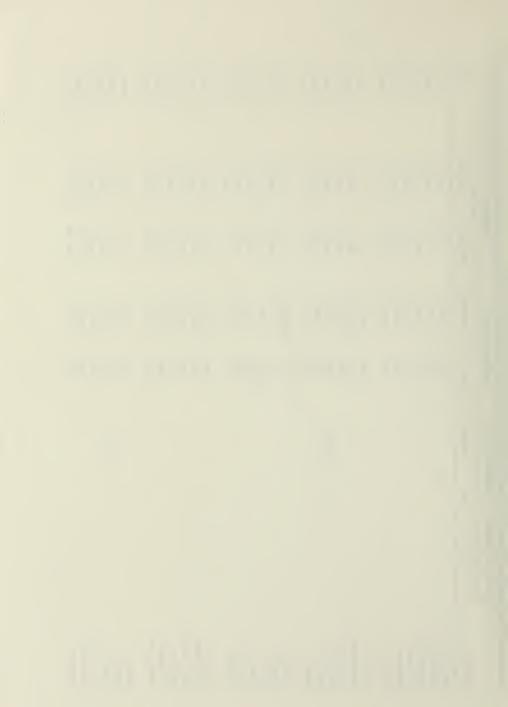
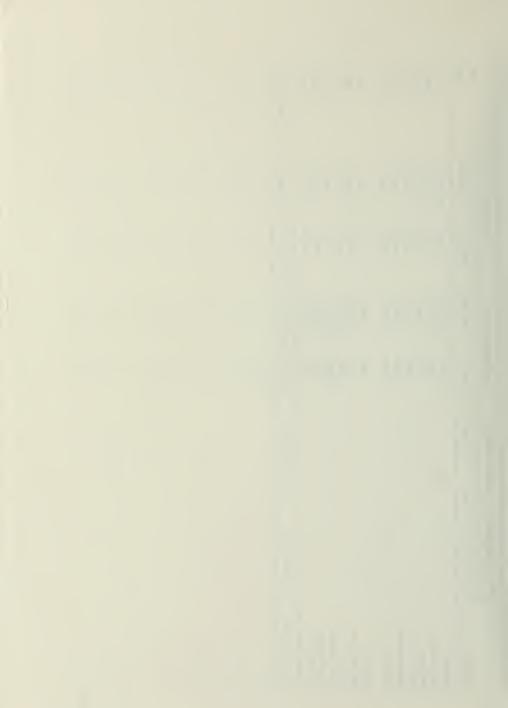


TABLE 6. Continued.

	LAKE MICHIGAN	RESERVOIRS	JOIRS	IMPOUN	IMPOUNDMENTS	STRI	STREAMS	C C
COUNTY	Heres	, 0 Z	Acres	0 2	Acres	Miles	Acres	HCRES
Union				2,141	3,253.5	212.0	2,976.0	6,229.5
Vermilion				262	1,885.0	423.0	2,100.0	3,985.0
Wabash				206	344.9	105.0	2,255.0	2,599.9
Warren				333	728.9	265.0	904.0	1,632.9
Washington				1,489	1,712.1	322.0	822.0	2,534.1
Mayne				2,268	1,648.3	320.0	981.0	2,629.3
White				266	995.3	254.0	3,592.0	4,587.3
Whiteside				156	848.9	339.0		9,180.9
Will				1,074	6,974.5	478.0		12,795.5
Williamson				2,026	12,454.1	194.0		12,886.1
Winnebago				215	1,112.1	256.0	3,031.0	4,143.1
Woodford				420	1,509.6	273.0		8,169.6
======================================	976,640.0	3 54,	54,580.0	======= 86,724 2	======================================	26,310.0 300,000.0	======================================	.=====================================







1991 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES

APR 1 6 1992

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



ILLINOIS DEPARTMENT OF CONSERVATION
DIVISION OF FISHERIES
APRIL, 1992

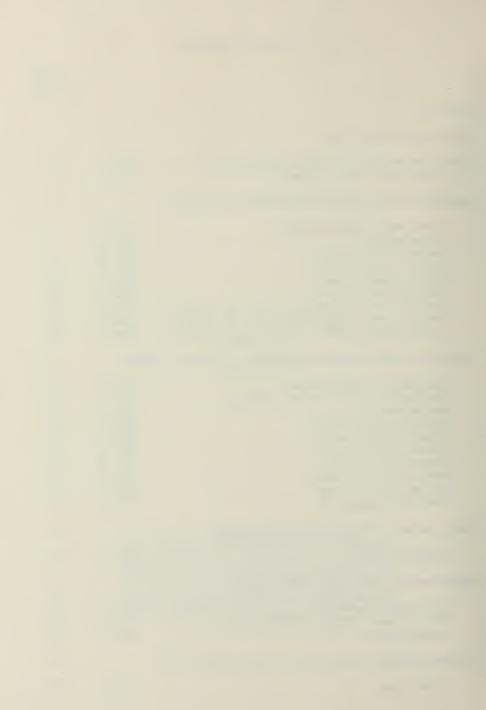
FUNDED IN PART THROUGH FEDERAL AID IN SPORT FISH RESTORATION

PROJECT F-89-P

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1991 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES

INTRODUCTION

The first Illinois surface water inventory was published by the Division of Fisheries in February 1964 as Special Fisheries Report Number 1. District biologists collected the data for this first inventory from aerial photographs on file in each county Agricultural Stabilization and Conservation Service office, from interviews with county Soil Conservation Service personnel and from data in their own district files.

The original 1964 survey was updated according to annual new pond construction and published in 1972, 1978, 1982, 1985, 1987 and 1989.

This 1991 Inventory of Illinois Surface Water Resources is a supplement to these earlier surveys and serves to update the surface water inventory to include all waters in the state as of December 31, 1991. The basis for this update is the "new impoundment construction data" collected for each county by the district fisheries managers and published annually. At the end of each year, the biologists contact each county Soil Conservation Service office, as well as other agencies, and compile a list of all new impoundments built during the past year for each county. The data collected includes the size of the new impoundment in acres and the ownership classification.

Revisions were made for existing impoundments that have had changes in ownership classification or acreage. Stream miles and acreages were revised significantly in 1989 according to more accurate estimates.

Classification of Surface Waters

Surface waters are permanent, open bodies of water 0.1 acre or larger. They are separated from wetlands by their permanence and by their general lack of emergent woody or graminoid vegetation. There are four subclasses: Lake Michigan, Reservoir, Impoundment, and Stream.

Lake Michigan:

Only about 7% of Lake Michigan is within the State of Illinois' jurisdiction and only that portion which is in Illinois is included in this inventory.

Reservoirs:

This classification includes only the three Corps of Engineers reservoirs (Carlyle, Rend and Shelbyville).

Impoundments:

This classification includes all standing bodies of water (lakes and ponds) constructed by artificial means or formed by nature, except Lake Michigan and the three Corps of Engineers reservoirs. Impoundments are further divided into categories according to ownership as follows:

 State: This category includes all impoundments owned or leased by the Illinois Department of Conservation.

- 2. <u>Public:</u> This category includes all impoundments owned or leased by a government agency, other than the Illinois Department of Conservation, that have public access.
- 3. <u>Organization</u>: This category includes all impoundments owned or leased by any organization of six or more members. Included are sportsmen clubs, scouts, church, civic, fraternal, associations, homeowner groups, country clubs, industrial, institutions, etc.
- 4. <u>Commercial</u>: This category includes all impoundments privately owned or leased for which a fee is charged for fishing. These areas are licensed by the Illinois Department of Conservation.
- 5. <u>Private</u>: This category includes all impoundments privately owned or leased which are not organizations or commercial areas.

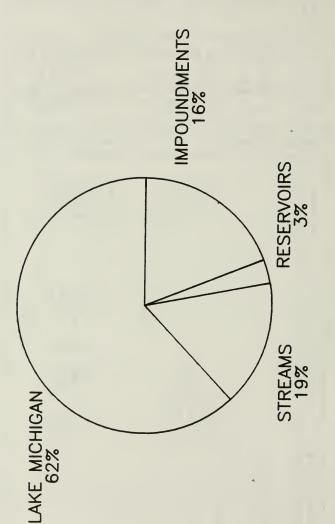
<u>Streams</u>: This classification includes all flowing waters such as canals, creeks and rivers, regardless of ownership or leasing. Streams are further divided into four width categories as measured by their average width in a county. Intermittent streams are not included in the inventory.

ILLINOIS SURFRCE WATER RESOURCES (1991)* TRBLE 1.

STATEMIDE SUMMARY

3 4 6 6 6 6 6 6				
Lake Michigan (Ill. portion only)		-	976,640.0	976,640.0
Reservoirs		m	54,580.0	54,580.0
Impoundments:	State Public Organization Commercial Private	2,01 2,01 3,94	39,630 78,332 24,967 3,045 08,783	
	Total	87,641	254,759.6	254,759.6
		Miles		
رن ب ب ف ف ف ف ف ا ف ا	5 - 30 ft. wide 31 - 100 ft. wide 301 plus ft. wide	20,000	43,200 26,200 18,000	
	Total	26,310	300,000	300,000.0
GRAND TOTAL SURFACE	HHTER ACRE			1,585,979.6
* As of December 31,	1991			

FIG. 1. SURFACE WATER ACREAGE BY WATER TYPE

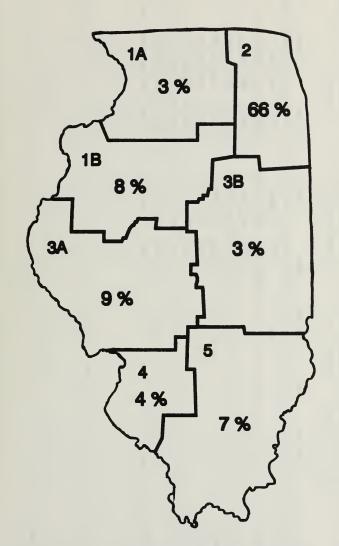


TOTAL = 1,585,979.6 ACRES

REGIONAL AND COUNTY SUMMARY OF SURFACE WATERS BY WATER TYPES



FIG.2. SURFACE WATER ACREAGE BY REGION



TOTAL = 1,585,979.6 ACRES

TABLE 2. Number (or Miles) and Acres of Surface Waters by Water Type (1991).

REGION SUMMARY

	LAKE MICHIGAN	RE	RESERVOIRS	IMPOU	IMPOUNDMENTS	STR	STREAMS	
REGION	E	No.	Acres	No.	E	M: les	Rores	TOTAL
1-R				1,759	1,759 10,993.0	2,438.0	2,438.0 43,680.0	54,673.0
1-8	1 1 1	1	!	10,207	47,278.6	4,337.0	4,337.0 81,830.0	129,108.6
8	976,640.0	-	!	6,272	40,884.7	2,530.0	2,530.0 21,890.0	1,039,414.7
9-E		1	1	18,755	58,907.2	4,700.0	4,700.0 77,020.0	135,927.2
8- 6-		1	11,100.0	5,740	20,054.3	4,925.0	4,925.0 16,410.0	47,564.3
*	-	1	19,780.0	10,478	20,075.4	1,880.0	1,880.0 23,550.0	63,415.4
ស	1 1 1	-	23,700.0	34,430	56,566.4	5,500.0	35,610.0	115,876.4
Total	976,640.0		3.54,580.0 87,641 254,759.6	87,641	87,641 254,759.6	26,310.0 300,000	26,310.0 300,000.0	1,585,979.6

Number (or Miles) and Acres of Surface Waters by Water Type (1991). TABLE 2a.

REGION 18 - COUNTY SUMMARY

REGION 18 (9 Counties)

	LAKE MICHIGAN	RESI	RESERVOIRS	IMPOU	IMPOUNOMENTS	STRI	STREFIMS	
COUNTY	Acres	, N	No. Acres	No.	Acres	Miles Files	Rores	TOTAL
Boone	19 19 19 19 19 19 19 19 19 19 19 19 19 1			122	549.0	110.0	321.0	670.0
Carroll				153	4,939.9	244.0	12,514.0	17,453.9
OeKalb				188	627.3	265.0	622.0	1,249.3
JoDaviess				210	1,548.7	324.0	11,702.0	13,250.7
Lee				405	774.7	290.0	2,238.0	3,062.7
Ogle				165	315.7	318.0	3,551.0	3,866.7
Stephenson				142	273.4	292.0	1,319.0	1,592.4
Whiteside				157	850.9	339.0	8,332.0	9,182.9
Winnebago				217	1,113.4	256.0	3,031.0	4,144.4
44 48 59 59 51 61 61 61 61 61 61	91 93 93 93 93 93 93 94 94 94 94 94 94 94 94 94 94 94 94 94	ii ((II II II	11 11 11 11 11 11 11	11 11 11 11 11 11 11	## ## ## ## ## ## ## ## ## ## ## ## ##	ii		
Total	1 1 1 1	!	1 1 1	1,759	1,759 10,993.0		2,438.0 43,680.0	54,673.0

Number (or Miles) and Acres of Surface Waters by Water Type (1991). THBLE 2b.

REGION 1B - COUNTY SUMMARY

REGION 1B (16 Counties)

		KESE	RESERVO:IRS	IMPOU	IMPOUNDMENTS	STR	STREAMS	i
CIDUNTY	Rones	, o Z	Hores	0 0	E :	T i i i	Acres	FICRES
Bureau				264	2,233.9	409.0	2,196.0	4,429.9
Fulton				2,748	12,032.2	448.0	3,518.0	15,550.2
Henderson				307	1,045.7	191.0	21,388.0	22,433.7
Henry				438	918.0	267.0	857.0	1,775.0
Knox				1,650	2,781.4	312.0	1,175.0	3,956.4
LaSalle				655	3,559.1	449.0	6,731.0	10,290.1
Marshall				148	6,118.2	192.0	2,705.0	8,623.2
McDonough				640	811.3	307.0	584.0	1,395.3
Mercer				591	1,497.1	275.0	6,851.0	8,348.1
Peoria				1987	1,620.7	240.0	9,622.0	11,242.7
Putnam				112	7,252.6	66.0	1,363.0	8,615.6
Rock Island				329	825.0	181.0	14,359.0	15,184.0
Stark				94	190.4	146.0	499.0	6.89.4
Tazewell				483	4,145.0	316.0	2,418.0	6,563.0
Warren				338	735.8	265.0	904.0	1,639,8
Moodford				423	1,512.2	273.0	6,660.0	8,172.2
Total	66 88 88 66 66 66 68 68 68 68	## ## ## ## ## ## ## ##		10.207	10 207 47 278 F	0 286 7	4 337 0 B1 B30 0	

Number (or Miles) and Acres of Surface Waters by Water Type (1991). TABLE 20.

REGION 2 - COUNTY SUMMARY

REGION 2	(9 Counties)							
	LAKE MICHIGAN	RESE	RESERVOIRS	IMPOUL	IMPOUNDMENTS	STR	STREAMS	10 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15
COUNTY	Rance	0 Z	No. Acres	. o Z	H C L	Miles		HCRES
Cook	429,722.0			1,316	1,316 7,916.5	421.0	3,479.0	441,117.5
DuPage				633	1,502.7	150.0	695,0	2,197.7
Grundy				435	4,593.7	259.0	3,519.0	8,112.7
Kane				523	930.5	291.0	1,622.0	2,552.5
Kankakee				164	551.2	282.0	9,033.0	3,584.2
Kendall				177	26.0.3	160.0	1,199.0	1,459.3
Lake	546,918.0			1,100	13,911.8	188.0	1,093.0	561,922.8
McHenry				828	4,169.5	301.0	1,429.0	5,598.5
Mi 11				1,096	7,048.5	478.0	5,821.0	12,669.5
Total	976,640.0	 	!! 	6,272	6,272 40,884.7	2,530.0	2,530.0 21,890.0	1,039,414.7
						11 11 11 11 11 11 11 11	!! !! !! !! !! !! !! !!	

Number (or Miles) and Acres of Surface Waters by Water Type (1991). TABLE 24.

REGION 3A - COUNTY SUMMARY

(3)
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<18 C
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REGION
Œ

	LAKE MICHIGAN	RESE	RESERVOIRS	UOUMI	IMPOUNOMENTS	STR	STREAMS	GEGE
COUNTY	Acres	, 0 V	Acres	, 0 V	E	Miles	Rores	ACRES
Adams	11 13 13 14 14 14 15 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 3 1 1 1 1 1 1		2,537	2,659.6	396.0	7,344.0	10,003.6
Brown				1,056	1,060.0	180.0	1,263.0	2,323.0
Calhoun				558	4,224.3	105.0	20,838.0	25,062.3
Cass				512	4,524.7	163.0	1,650.0	6,174.7
Christian				375	4,450.0	320.0	1,103.0	5,553.0
Greene				1,290	1,172.6	274.0	2,683.0	3,855.6
Hancock				1,237	795.9	437.0	12,899.0	13,694.9
Jersey				1,007	2,164.9	172.0		8,146.9
Logan				182	406.0	225.0	877.0	1,283.0
Macoupin				2,791	4,433.9	441.0	758.0	5,191.9
Mason				317	14,243.4	159.0	2,360.0	16,603.4
Menard				346	543.6	126.0	828.0	1,371.6
Montgomery				1,126	4,925.1	321.0	785.0	5,710.1
Morgan				905	2,880.6	255.0	913.0	3,793.6
Pike				2,033	2,783.0	369.0	11,977.0	14,760.0
Sangamon				1,004	5,522.1	428.0	1,611.0	7,133.1
Schuyler				1,036	1,503.0	178.0	1,878.0	3,381.0
Scott				446	614.5	151.0	1,271.0	1,885.5
Total	00 10 10 10 10 11 11 11 11 11 11 11 11 1		33 10 10 10 31 1 11 1 11 1 11 1	18.755	58.907.2	4.700.0	200 72 020 0	135.427.2
11 11 11 11 11 11 11 11 11 11 11 11 11	11 33 10 11 11 11 11 11 11	11 11 11 11	33 11 11 11 33 11 11) - - - - -				

REGION 38 - COUNTY SUMMARY

REGION 38 (16 Counties)

	LAKE MICHIGAN	RES	RESERVOIRS	IMPOU	IMPOUNOMENTS	STRE	STREAMS	i
COUNTY		No.	Rores	0	Acres	Miles	Ricres	ACRES
Champaign)) 		146	574.7	475.0	1,664.0	2,238.7
Clark				1,154	1,746.4	269.0	874.0	2,620.4
Coles				287	917.1	240.0	833.0	1,750.1
Cumberland				926	737.2	181.0	514.0	1,251.2
DeWitt				219	5,127.8	174.0	430.0	5,557.8
Douglas				154	26.1.4	194.0	605.0	866.4
Edgar				246	466.7	287.0	406.0	872.7
Ford				91	190.4	174.0	616.0	806.4
Iroquois				142	545.5	579.0	2,539.0	3,084.5
Livingston				395	668.7	527.0	2,515.0	3,203.7
Macon				197	3,368.7	246.0	7130.0	4,148.7
McLean				581	2,180.4	466.0	1,007.0	3,187.4
Moultrie		;	5,550.0	244	239.6	168.0	258.0	6,047.6
Piatt				85	175.1	206.0	5.40.0	715.1
Shelby		-	5,550.0	710	935.3	316.0	729.0	7,214.3
Vermilion				266	1,899.3	423.0	2,100.0	3,999.3
	91 91 91 91 91 91 91 11 12 13 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	<u>"</u> -	11,100.0	5,740	20,054.3	4.925.0	4,925.0 16,410.0	47.564.3

TABLE 2f. Number (or Miles) and Acres of Surface Waters by Water Type (1991).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

	LAKE MICHIGAN		RESERVOIRS	IMPOU	IMPOUNDMENTS	STR	STREAMS	
COUNTY	Rores	, N	No. Acres	No.	E C C C C C C C C C C C C C C C C C C C	T in the second		FICRES
Bond			850.0	1,322	2,089.4	204.0	457.0	3,396.4
Clinton		-	1 18,930.0	926	827.6	201.0	1,257.0	21,014.6
Madison				2,193	6,515.0	347.0		10,556.0
Monroe				1,610	1,957.8	222.0		8,054.8
Randolph				1,344	3,098.6	265.0		11,376.6
St. Clair				1,557	3,859.8	319.0	2,608.0	6,467.8
Washington				1,496	1,727.2	322.0	822.0	2,549.2
Total	## ## ## ## ## ## ## ## ## ## ## ## ##	1	1. 19,780.0	;;	10,478 20,075.4 1,880.0 23,560.0	1,880.0	1,880.0 23,560.0	63,415.4
***************************************		H H H H	!! !! !! !! !!	## ## ## ## ## ## ## ## ## ## ## ## ##		11 11 11 11 11 11 11 11 11 11 11 11 11		## ## ## ## ## ## ## ## ## ## ## ## ##

TABLE 2g. Number (or Miles) and Acres of Surface Waters by Water Type (1991).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

	## ## ## ## ## ## ## ## ## ##			;; ;; ;; ;; ;; ;; ;;	10 10 10 10 10 10 10 10 10 10 10 10 10 1	11 11 11 11 11 11 11 11 11 11 11 11 11		
	LAKE MICHIGAN	RE	RESERVOIRS	IMPOUN	IMPOUNDMENTS	STRE	STREAMS	
COUNTY	Rores	0 2	No. Acres	N 0 N		Milian S	H Services	TOTHL
Alexander				395	2,322.7	112.0	8,580.0	10,902.7
Clay				1,134	854.6	308.0	777.0	1,631.6
Crawford				1,298	971.8	263.0	1,362.0	2,533.8
Edwards				802	492.1	143.0	336.0	E128.1
Effingham				1,037	1,298.3	238.0	515.0	1,613.3
Fayette		1	4,800.0	1,281	1,823.0	367.0	1,255.0	7,678.0
Franklin		-	10,800.0	1,697	2,290.8	162.0	599.0	13,689.8
Gallatin				460	654.4	125.0	1,297.0	1,951.4
Hamilton				1,588	935.1	184.0	410.0	1,345.1
Hardin				539	458.0	93.0	163.0	621.0
Jackson				1,551	5,068.1	340.0	4,172.0	9,240.1
Jasper				1,295	2,636.3	253.0	930.0	3,566.3
Jefferson		1	8,100.0	2,339	1,577.8	182.0	309.0	9,986.8
Johnson				1,883	3,041.6	174.0	524.0	3,565.6

Number (or Miles) and Acres of Surface Waters by Water Type (1991). TRBLE 29.

REGION S - COUNTY SUMMARY

COUNTY						-		
COUNTY	LAKE MICHIGAN	RESI	RESERVOIRS	IMPOU	IMPOUNDMENTS	STR	STREAMS	i
	1 1	, o	Acres	, oX	Acres	Miles	Rores	ACRES
Laurence				762	704.0	202.0	1,517.0	2,221.0
Marion				1,785	3,110.3	31.4.0	530.0	3,640.3
Massac				973	1,344.6	91.0	319.0	1,663.6
Perry				1,523	2,221.1	251.0	424.0	2,645.1
Pope				1,092	952.8	198.0	486.0	1,438.8
Pulaski .				1941	652.1	93.0	244.0	896.1
Richland				666	1,930.7	170.0	383.0	2,313.7
Saline				1,272	2,391.3	122.0	242.0	2,633.3
Union				2, 164	9,276.9	212.0	2,976.0	6,252.9
Wabash				209	346.1	105.0	2,255.0	2,601.1
Mayne				2,277	1,661.3	350.0	981.0	2,642.3
White				938	995.8	254.0	3,592.0	4,587.8
Williamson				2,062	12,554.8	194.0	432.0	12,986.8
Total	66 68 68 68 69 69 69 61 61 61 61 61 61 61 61 61 61 61 61 61		1 23,700.0 34,430 56,566.4	34,430	34,430 56,566.4	5,500.0	5,500.0 35,610.0	115,876.4
	## ## ## ## ## ## ## ## ## ## ## ## ##	!! !! !! !!	11 11 11 11 11 11 11 11 11 11 11 11 11	13 13 11 11 11 11 11 11	## ## ## ## ## ## ## ## ## ## ## ## ##			

REGIONAL AND COUNTY SUMMARY OF IMPOUNDMENTS BY OWNERSHIP CATEGORY

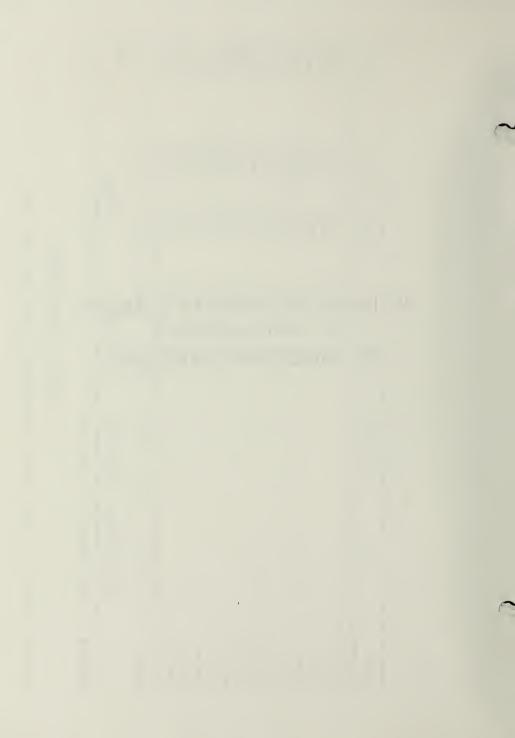
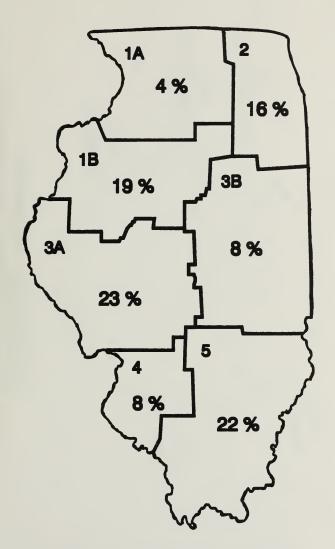


FIG.3. IMPOUNDMENT ACREAGE BY REGION



TOTAL = 254,759.6 ACRES

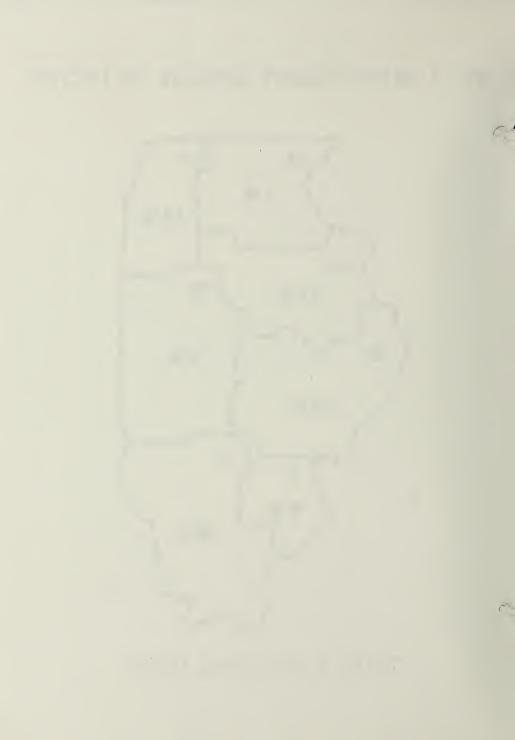
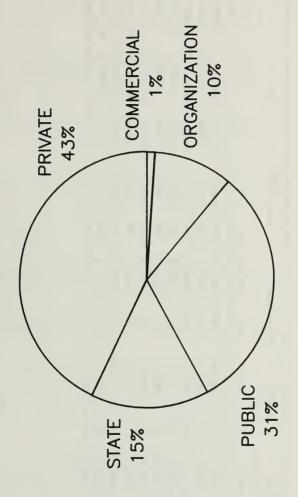


FIG. 4. IMPOUNDMENT ACREAGE BY OWNERSHIP CATEGORY



TOTAL = 254,759.6 ACRES

TABLE 3. Number and Acres of Impoundments by Ownership Category (1991).

REGION SUMMARY

		State		Public	Organ	Organization	Co	Commercial	Pri	Private		Total
Region	0 2	Acres No.	, 0	Acres	, 0	Acres	NO.	Acres	No.	Acres	0 2	Acres
1-A 13	13		59	680.7 29 4,900.8	58	58 2,301.7	22	218.1	1,637	1,637 2,891.7 1,759 10,993.0	1,759	10,993.0
1-8	28	12,934.1	51	51 9,215.2	404	404 4,092.7	64	645.7	9,630	9,630 20,390.9 10,207	10,207	47,278.6
2	234	5,625.0	308	308 12,126.5	932	932 11,593.4	91	376.3	4,707	4,707 11,163.5 6,272	6,272	40,884.7
3-A	26	5,637.9	97	97 23,114.4	142	142 2,255.3	46	591.7	18,393	18,393 27,307.9 18,755	18,755	58,907.2
3-8	48	5,494.6	88	88 7,552.1	184	184 1,282.6	37	170.5	5,383	5,383 5,554.5 5,740	5,740	20,054.3
4	9	2,721.3	30	30 1,655.9	176	176 1,537.1	122	707.4	10,144	10,144 13,453.7 10,478	10,478	
D.	73	6,537.0	106	6,537.0 106 19,767.7	123	123 1,904.4	22	336.0		34,053 28,021.3 34,430	34,430	56,566.4
Total 458	458		709	9,630.6 709 78,332.6	2,019	,019 24,967.2	508	508 3,045.7	83,947	39,630.6 709 78,332.6 2,019 24,967.2 508 3,045.7 83,947 108,783.5 87,641 254,759.6	87,641	7,641 254,759.6

TABLE 3a. Number and Acres of Impoundments by Ownership Category (1991).

REGION 18 - COUNTY SUMMARY

REGION 1A (9 Counties)

		State		Public	Organi	Organization	Com	Commercial	Private	ate		Total
County		Acres	No.	Acres	. OZ	Acres	No.	Acres	0 2	H G L	N N	Acres
800ne 0	0	0.0	2	2.4	9	425.6		1.0	113	120.0	122	549.0
Carrol1	-	1.0	m	3,950.0	-	600.0	-	9.6	147	380.3	153	4,939.9
DeKa1b	-	318.8	N	5.8	8	28.0	ល	38.7	172	236.0	188	627.3
Johaviess	0	0.0	4	503.0	m	621.0	0	0.0	203	424.7	210	1,548.7
Lee	0	0.0	0	0.0	ល	88.5	ú	57.4	394	628.8	405	774.7
Ogle	0	0.0	8	2.0	2	79.0	N	24.0	154	210.7	165	315.7
Stephenson	-	43.4	2	4.0	2	10.0	0	0.0	137	216.0	142	273.4
Whiteside	9	107.6	4	367.5	4	41.5	m	16.0	140	318.3	157	850.9
Winnebago	4	209.9	10	66.1	22	408.1	4	72.4	177	356.9	217	1,113.4
recenses 13	13	680.7	29	4.900.8	58	2.301.7	22	218.1	=======================================	2.891.7	1759	10.993.0

TABLE 3b. Number and Ficres of Impoundments by Ownership Category (1991).

REGION 18 - COUNTY SUMMARY

REGION 18 (16 Countiers)

		State		Public	Organ	Organization	Com	Commercial	Pri	Private		Total
County No.	, 0 2	Acres	0	A C C C C C C C C C C C C C C C C C C C	, 0 2	Acres	No.	Acres	0 Z	Acres	N O V	Acres
Bureau	4	564.0	-	724.5	16	223.2	0	0.0	243	722.2	264	2,233.9
Fulton	7	2,746.8	~	295.4	132	773.1	18	523.1	2589	7,693.8	2748	12,032.2
Henderson	-	27.0	N	144.7	-	375.0	0	0.0	303	499.0	307	1,045.7
Henry	00	67.5	N	6.5	45	212.7	0	0.0	383	631.3	438	918.0
Knox	28	289.7	N	134.3	116	585.1	-	19.5	1503	1,752.8	1650	2,781.4
LaSalle	-	2,058.0	m	78.2	13	397.2	4	11.0	634	1,014.7	655	3,559.1
Marshall	m	3,869.0	0	0.0	ß	254.5	0	0.0	140	1,994.7	148	6,118.2
McDonough	-	95.1	4	285.9	m	7.3	m	5.0	629	418.0	640	811.3
Mercer	0	0.0	m	627.0	m	190.0	4	38.0	581	642.1	165	1,497.1
Peoria	0	0.0	ro.	35.1	22	154.6	9	7.7	951	1,423.3	286	1,620.7
Putnam	-	55.0	4	6,614.0	4	130.5	4	0.8	66	452.3	112	7,252.6
Rock Island	0	0.0	w	171.4	-	55.0	60	12.4	315	586.2	329	825.0
Stark	0	0.0	0	0.0	-	25.0	0	0.0	93	165.4	46	190.4
Tazewell	თ	3,162.0	ው	53.5	30	352.2	~	15.4	428	561.9	483	4,145.0
Harren	0	0.0	m	14.7	m	322.9	0	0.0	332	398.2	338	735.8
Moodford	0	0.0	-	30.0	9	34.4	ው	12.8	404	1,435.0	423	1,512.2
Total 58	28	12,934.1	51	9,215.2	404	4,092.7	64	645.7	9,630	20,390.9	10,207	47,278.6

Number and Acres of Impoundments by Ownership Category (1991). TABLE 30.

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

		State		Public	Organ	Organization	Co	Commercial	Pri	Private		Total
County	0 2	Acres	, 0 1	Acres	0 2	Acres	No.	Acres	0 2	Hcres :	No.	Acres
Cook	 	434.2	137	4,696.6	292		11	36.5	871	1,490.6	1316	7,916.5
DuPage	0	0.0	82	527.8	161		σ	13.1	381	461.9	693	1,502.7
Grundy	198	2,275.1	0	0.0	68	850.1	0	. 60.0	146	1,408.5	435	4,593.7
Kane	0	0.0	12	123.9	63	281.4	44	36.2	404	489.0	523	930.5
Kankakee	0	0.0	N	9.5	11	138.6	ស	27.5	146	375.6	164	551,2
Kendall	10	26.3	7	9.8	12	48.8	0	0.0	153	181.3	177	260.3
Lake	15	84.7	26	6,230.8	127	5,029.3	4	58.6	868	2,538.4	1100	13,911.8
McHenry	n	74.4	9	325.4	38	2,662.7	10	22.6	771	1,084.4	828	4,169.5
Will	ຕ	2,730.3	11	208.6	139		9	151.8	937	3,133.8	1096	7,048.5
======================================	234	5.625.0	308	======================================	932	932 11.593.4	91	======== 376.3	4.707	11.163.5	6.272	40.884.7

TABLE 3d. Number and Acres of Impoundments by Ownership Category (1991).

REGION 38 - COUNTY SUMMARY

REGION 3A (18 Counties)

		State		Public	Organ	Organization	Co	Commercial	Pri	Private		Total
County No.	, 0 1	Acres	0 Z	Acres	° Z	Acres	0 2	Acres	S.	Acres	0 2	Hcr.
Rdams	-	58.0	~	30.6	8	92.0	S	98.5	2516	2,380.5	2537	2,659.6
Brown	0	0.0	-	26.1	0	0.0	m	4.5	1052	1,029.4	1056	1,060.0
Calhoun	0	0.0	10	2,943.1	18	638.4	0	0.0	530	642.8		4,224.3
Cass	0	600.0	N	627.0	11	32.0	N	4.0	497	3,261.7	512	4,524.7
Christian	m	2,551.1	0	1,402.1	S	70.0	~	73.4	351	353,4		4,450.0
Greene	0	0.0	ເກ	103.7	8	18.5	N	7.7	1275	1,042.7	1290	1,172.6
Hancock	-	12.6	Ŋ	78.0	-	0.3	N	50.0	1228	655.0	1237	795.9
Jersey	0	0.0	00	1,369.1	4	34.8	15	59.8	980	701.2	1007	2,164.9
Logan	0	0.0	0	0.0	2	121.8	10	81.9	165	202.3	182	406.0
Macoupin	-	56.6	1.4	1,439.6	56	403.4	23	121.7	2727	2,412.6	2791	4,433.9
Mason	17	1,103.3	ເນ	5,947.5	2	52.9	-	0.5	292	7,139.2	317	14,243.4
Menard	0	0.0	m	2.2	11	242.2	0	0.0	332	299.2	346	543.6
Montgomery	-	1,102.0	9	2,740.3	10	50.3	w	12.0	1103	1,020.5	1126	4,925.1
Morgan	0	0.0	~	1,857.5	80	166.8	N	4.7	985	851.6	905	2,880.6
Pike	0	0.0	2	257.1	8	34.6	4	42.0	2025	2,449.3	2033	2,783.0
Sangamon	-	150.5	12	4,286.7	16	82.1	15	31.0	960	971.8	1004	5,522.1
Schuyler	-	3.8	-	3.8	2	19.7	0	0.0	1032	1,475.7	1036	1,503.0
Scott	0	0.0	0	0.0	m	195.5	0	0.0	443	419.0	446	614.5
Total 26	26	5,637.9	97	23,114.4	142	2,255.3	-====	591.7	18,393	27,307.9	18,755	58.907.2

Number and Acres of Impoundments by Ownership Category (1991). TABLE 3e.

REGION 38 - COUNTY SUMMRRY

REGION 3B (16 Counties)

		State		Public	Organ	Organization	Com	Commercial	Private	/ate		Total
County No.	0 Z	Acres	0 2	Acres	c Z	Acres	, 0 Z	Acres	C	E	0 2	Acres 8
Champaign		0.8	13	263.4	19	118.4		22.0	108	170.1	146	574.7
Clark	-	145.6	m	815.1	^	19.6	0	0.0	1143	766.1	1154	1,746.4
Coles	8	14.4	ιn	627.0	4	10.0	0	0.0	276	265.7	287	917.1
Cumberland	0	0.0	m	340.2	4	16.2	1	4.0	818	376.8	826	
DeWitt	N	4,924.4	4	14.5	10	19.7	m	5.0	200	164.2	219	
Douglas	7	58.7	0	0.0	ന	46.3	0	0.0	150	156.4	154	
Edgar	0	0.0	N	219.5	c	9.0	0	0.0	241	238.2	246	
Ford	0	0.0	0	0.0	S	30.0	1	5.0	88	155.4	91	
-oquois	0	0.0	-	1.0	10	270.3	4	41.0	127	233.2	142	
Livingston	0	0.0	m	9.1	4	8.0	ហ	21.6	383	650.0	395	
Macon	0	0.0	9	3,101.2	S	16.2	1	1.0	185	250.3	197	
McLean	-	158.0	ស	1,347.7	15	94.9	00	52.3	552	527.5	581	
Moultrie	ស	4.5	22	42.3	01	26.4	0	0.0	202	166.4	244	
Piatt	0	0.0	^	24.1	ന	2.5	1	1.3	71	147.2	82	
Shelby	4	a. 7	ស	523.3	S	23.7	4	6.3	692	378.3	710	
Vermilion	31	184.5	ጥ	223.7	22	571.4	4	11.0	145	908.7	266	
Total 48	4.0	5,494.6	88	7,552.1	184	1,282.6	37	170.5	5,383	5,554.5	5,740	20,054.3

TABLE 3f. Number and Acres of Impoundments by Ownership Category (1991).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

		State		Public	Organ	Organization	Co	Commercial	Pri	Private		Total
County	0 V	Acres	No.	Acres	C Z	Hornes :	, o Z	Acres	. O.	H H C L	0 2	Hores
Bond	0	0.0	2	800.1	2	48.1	6 1 1	67.5	1305	1,173.7	1322	2,089.4
Clinton	0	0.0	0	0.0	80	31.5	-	4.5	947		926	827.6
Madison	0	0.0	σ	583.5	43	837.6	26	108.0	2115		2193	6,515.0
Monroe	0	0.0	4	46.9	48	172.8	30	81.0	1528			1,957.8
Randolph	ന	1,351.3	m	94.5	0	67.6	σ	105.0	1320		1344	3,098.6
St. Clair	~	1,122.0	00	56.2	52	350.2	40	280.5	1450		1557	3,859.8
_	-	248.0	*	74.7	4	29.3		60.9	1479	1,314.3	1496	1,727.2
Total	9	2,721.3	!! }}	30 1,655.9	176	176 1,537.1 122	122	55 13	10,144	707.4 10,144 13,453.7 10,478 20,075.4	10,478	20,075.4

TABLE 3g. Number and Acres of Impoundments by Ownership Category (1991).

REGION S - COUNTY SUMMARY

REGION 5 (27 Counties)

County No. Acres			State		Public	Organi	Organization	Com	Commercial	Priv	Private		Total
1 1,890.0 2 12.6 1 18.8 2 7.5 389 393.8 395 0 0.0 1 5.5 7 51.3 0 0.0 1126 726.8 1134 0 0.0 1 5.5 7 51.3 0 0.0 1290 915.0 1296 0 0.0 4 44.2 3 27.4 0 0.0 795 420.5 802 0 0.0 2 66.6 4 15.6 6 43.0 1025 63.7 1037 1 0.0 2 66.0 4 15.6 6 43.0 1025 63.7 1037 0 0.0 2 761.1 4 25.4 3 22.5 1671 1,277.1 1697 1 71.3 2 49.6 1 10.2 0 0 457.5 594.6 460 1 71.3 <	County	S	Acres	No.	Acres	, o	Acres	. OZ	Acres	No.	Acres	0 2	Horas s
0 0.0 2 11.4 6 116.4 0 0.0 1126 726.8 1134 0 0.0 1 5.5 7 51.3 0 0.0 1290 915.0 1296 0 0.0 4 44.2 3 27.4 0 0.0 795 420.5 802 0 0.0 2 606.0 4 15.6 6 43.0 1025 633.7 1037 1 0.0 2 606.0 4 25.4 3 22.5 1263 961.6 1281 1 0.0 2 761.1 4 25.4 3 22.5 1263 961.6 1281 0 0.0 2 49.6 1 10.2 0 0.0 45.7 594.6 460 1 71.3 2 78.1 13 429.8 3 10.6 1582 775.1 1588 1 155.5	Riexander		1,890.0	2	12.6		18.8		7.5	389	393.8	395	2,322.7
0 0.0 1 5.5 7 51.3 0 0.0 1290 915.0 1296 0 0.0 4 44.2 3 27.4 0 0.0 795 420.5 802 0 0.0 2 606.0 4 15.6 6 43.0 1025 633.7 1037 1 0.0 2 761.1 4 25.4 3 22.5 1263 961.6 1281 1 0.4 15 805.9 7 164.9 3 22.5 1263 961.6 1281 1 0.0 2 49.6 1 10.2 0 0.0 467 594.6 460 1 71.3 2 76.1 1 10.2 0 0.0 0 0 0 775.1 1589 1 7 155.5 3 2,994.1 13 429.8 2 6.5 1526 1,295 1531.8	Clay	0	0.0	N	11.4	9	116.4	0	0.0	1126	726.8	1134	854.6
0 0.0 4 44.2 3 27.4 0 0.0 795 420.5 802 0 0.0 2 606.0 4 15.6 6 43.0 1025 633.7 1037 1 0.0 2 761.1 4 25.4 3 22.5 1263 961.6 1281 1 0.4 15 805.9 7 164.9 3 22.5 1653 961.6 1281 0 0.0 2 49.6 1 10.2 0 0.0 457 594.6 460 1 71.3 2 78.1 1 10.2 0 0.0 3 10.6 1582 775.1 1588 1 155.5 3 2,994.1 13 429.8 2 6.5 1526 1,592.2 1551 2 1,880.0 0 0 0 0 0 0 0 0 0 0 <t< td=""><td>Crawford</td><td>0</td><td>0.0</td><td>-</td><td>3.5</td><td>~</td><td>51.3</td><td>0</td><td>0.0</td><td>1290</td><td>915.0</td><td>1298</td><td>971.8</td></t<>	Crawford	0	0.0	-	3.5	~	51.3	0	0.0	1290	915.0	1298	971.8
0 0.0 2 606.0 4 15.6 6 43.0 1025 633.7 1037 6 52.4 5 761.1 4 25.4 3 22.5 1263 961.6 1281 1 0.4 15 805.9 7 164.9 3 42.5 1671 1,277.1 1697 0 0.0 2 49.6 1 10.2 0 0.0 457 594.6 460 1 71.3 2 78.1 0 0.0 3 10.6 1592 775.1 1588 0 0.0 2 15.0 0 0.0 3 30.1 502 412.9 539 1 155.5 3 2,894.1 13 429.8 2 6.5 1526 1,582.2 1551 2 1,880.0 0 0.0 4 24.5 0 0.0 239.0 1,209.4 239.9 1	Edwards	0	0.0	4	44.2	m	27.4	0	0.0	795	420.5	802	492.1
6 52.4 5 761.1 4 25.4 3 22.5 1263 961.6 1281 1 0.4 15 805.9 7 164.9 3 42.5 1671 1,277.1 1697 0 0.0 2 49.6 1 10.2 0 0.0 457 594.6 460 1 71.3 2 78.1 0 0.0 3 10.6 1582 775.1 1586 0 0.0 2 15.0 0 0.0 3 10.6 1582 775.1 1586 7 155.5 3 2,894.1 13 429.8 2 6.5 1526 1,582.2 1551 2 1,880.0 0 0 0 4 24.5 0 0.0 1289 731.8 1295 1 7.7 4 127.2 4 27.0 1 50.0 1873 2,490.2 1883	Effingham	0	0.0	N	606.0	4	15.6	Ð	43.0	1025	633.7	1037	1,298.3
1 0.4 15 805.9 7 164.9 3 42.5 1671 1,277.1 1697 0 0.0 2 49.6 1 10.2 0 0.0 457 594.6 460 1 71.3 2 78.1 0 0.0 35 10.6 1582 775.1 1588 0 0.0 2 15.0 0 0.0 35 30.1 502 412.9 539 2 1,880.0 0 0.0 4 24.5 0 0.0 1289 731.8 1295 1 7.7 4 127.2 4 233.5 0 0.0 2330 1,209.4 2339 4 296.0 3 178.4 2 27.0 1 50.0 1873 2,490.2 1883	Fayette	9	52.4	ស	761.1	4	25.4	m	22.5	1263	961.6	1281	1,823.0
0 0.0 2 49.6 1 10.2 0 0.0 457 594.6 460 1 71.3 2 78.1 0 0.0 3 10.6 1592 775.1 1589 0 0.0 2 15.0 0 0.0 35 30.1 502 412.9 539 2 1,880.0 0 0.0 4 24.5 0 0.0 1289 731.8 1295 1 7.7 4 127.2 4 233.5 0 0.0 2330 1,209.4 2339 4 296.0 3 178.4 2 27.0 1 50.0 1873 2,490.2 1883	Franklin	-	0.4	15	805.9	~	164.9	m	42.5	1671	1,277.1	1697	2,290.8
1 71.3 2 78.1 0 0.0 3 10.6 1582 775.1 1588 0 0.0 2 15.0 0 0.0 35 30.1 502 412.9 539 7 155.5 3 2,894.1 13 429.8 2 6.5 1526 1,582.2 1551 2 1,880.0 0 0.0 4 24.5 0 0.0 1289 731.8 1295 1 7.7 4 127.2 4 233.5 0 0.0 2330 1,209.4 2339 4 296.0 3 178.4 2 27.0 1 50.0 1873 2,490.2 1883	Gallatin	0	0.0	N	49.6	1	10.2	0	0.0	457	594.6	460	654.4
0 0.0 2 15.0 0 0.0 35 30.1 502 412.9 539 7 155.5 3 2,894.1 13 429.8 2 6.5 1526 1,582.2 1551 2 1,880.0 0 0.0 4 24.5 0 0.0 1289 731.8 1295 1 1 7.7 4 127.2 4 233.5 0 0.0 2330 1,209.4 2339 4 296.0 3 178.4 2 27.0 1 50.0 1873 2,490.2 1883	Hamilton	1	71.3	N	78.1	0	0.0	m	10.6	1582	775.1	1588	935.1
7 155.5 3 2,894.1 13 429.8 2 6.5 1526 1,582.2 1551 2 1,880.0 0 0.0 4 24.5 0 0.0 1289 731.8 1295 1 1 7.7 4 127.2 4 233.5 0 0.0 2330 1,209.4 2339 4 296.0 3 178.4 2 27.0 1 50.0 1873 2,490.2 1883	Hardin	0	0.0	N	15.0	0	0.0	38	30.1	205	412.9	239	458.0
2 1,880.0 0 0.0 4 24.5 0 0.0 1289 731.8 1295 on 1 7.7 4 127.2 4 233.5 0 0.0 2330 1,209.4 2339 4 296.0 3 178.4 2 27.0 1 50.0 1873 2,490.2 1883	Jackson	2	155.5	m	2,894.1	13	429.B	N	6.5	1526	1,582.2	1521	5,068.1
on 1 7.7 4 127.2 4 233.5 0 0.0 2330 1,209.4 2339 4 296.0 3 178.4 2 27.0 1 50.0 1873 2,490.2 1883	Jasper	2	1,880.0	0	0.0	4	24.5	0	0.0	1289	731.8	1295	2,636.3
4 296.0 3 178.4 2 27.0 1 50.0 1873 2,490.2 1883	Jefferson	1	7.7	4	127.2	4	233.5	0	0.0	2330	1,209.4	2339	1,577.8
	Johnson	4	296.0	m	178.4	2	27.0	-	50.0	1873	2,490.2	1883	3,041.6

TABLE 3g. Number and Acres of Impoundments by Ownership Category (1991).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties) - continued

	0.	State		Public	Organi	Organization	Co	Commercial	Pri	Private		Total
County	0 2	Acres	No.	Acres	, o N	Acres	S S	Acres	c.	Acres	S O N	Acres
Lawrence 1	1	40.0		9.0	2	71.5	0	0.0	753	583.5	762	704.0
Marion	9	530.1	^	1,521.8	12	165.6	N	14.0	1758	878.8	1785	3,110.3
Massac	1	452.0	0	0.0	4	46.6	0	0.0	968	846.0	973	1,344.6
Perry	22	134.7	2	348.0	9	39.3	0	0.0	1490	1,699.1	1523	2,221.1
Pope	0	0.0	9	307.5	0	0.0	-	8.0	1085	637.3	1092	952.8
Pulaski	0	0.0	1	4.6	-	3.4	^	30.0	832	614.1	841	652.1
Richland	0	0.0	4	1,326.2	-	1.7	0	0.0	928	602.8	933	1,930.7
Saline	-	105.0	13	435.B	4	45.8	ស	21.0	1249	1,783.7	1272	2,391.3
Union	15	727.9	ស	1,025.0	2	5.9	0	0.0	2142	1,518.1	2164	3,276.9
Habash	0	0.0	1	1.0	m	113.8	0	0.0	202	231.3	203	346.1
Mayne	-	194.0	2	14.3	ស	51.8	0	0.0	5269	1,401.2	2277	1,661.3
White	0	0.0	ល	34.8	2	55.9	0	0.0	931	905.1	938	995.8
Williamson	0	0.0	12	9,150.6	20	158.3	ហ	50,3	2025	3,195.6	2062	12,554.8
Total 73	73	6,537.0	106	106 19,767.7	123	1,904.4	75	336.0	34,053	28,021.3	34,430	56,566.4

NUMBER AND ACRES
OF IMPOUNDMENTS
BY SIZE CATEGORY

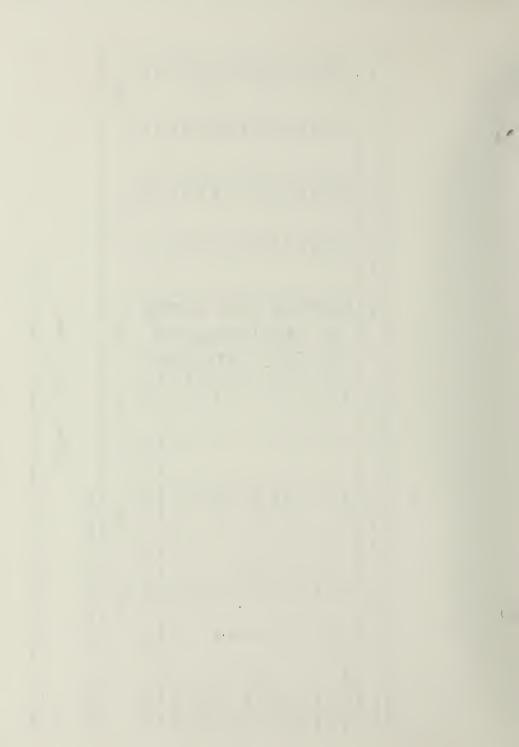
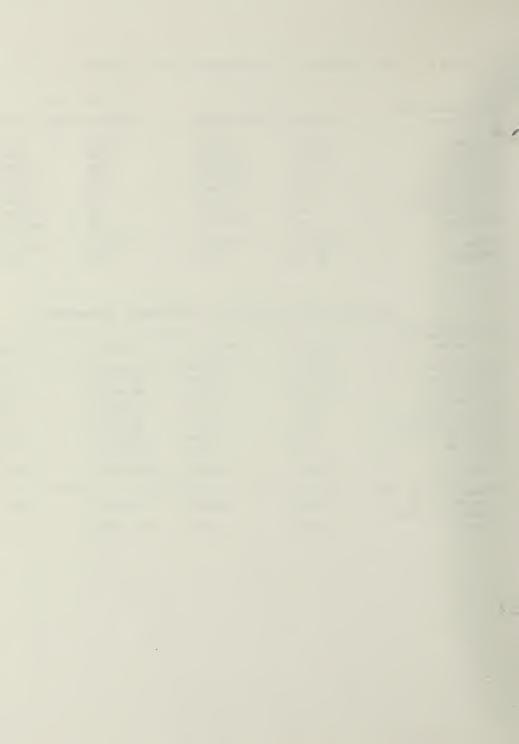


Table 4. Number and Acres of Impoundments by Size Categories (1991)

	Art 1	Ticial	Na:	turai
Size Categories Acres	Number	Total Acreage	Number	Total Acreage
0.1 to 0.4	43.511	9,881.3	1,526	386.9
0.5 to 0.9	19,923	12,603.2	838	581.7
1.0 to 5.9	17,613	33, 969. 7	1,192	2,995.2
6.0 to 10.9	1,115	8,605.3	202	1,639.7
11.0 to 40.9	930	17,306.8	307	6,292.9
41.0 to 100.9	161	9,493.2	90	5,624.7
101.0 to 500.9	80	16,700.1	78	16,361.3
501 plus	43	65, 815. 5	32	46,502.1
TOTAL	83,376	174, 375. 1	4,265	80,384.5
PERCENT	95.13%	68.45%	4.87%	31.55%

COMBINED TOTAL OF ARTIFICIAL AND NATURAL IMPOUNDMENTS

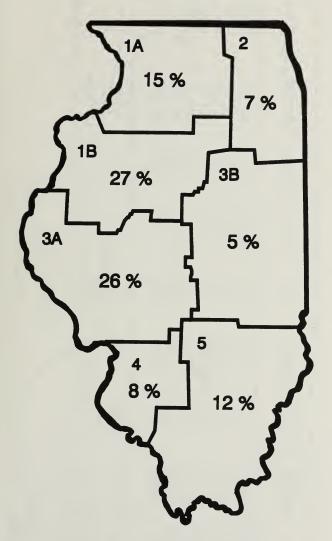
Size Categories				
Acres	Number	Percent	Acreage	Percent
0.1 to 0.4	45,037	 51.39%	10,268.2	4.03%
0.5 to 0.9	20,761	23.69%	13, 184, 9	5.18%
1.0 to 5.9	18,805	21.46%	36,964.9	14.51%
6.0 to 10.9	1,317	1.50%	10,245.0	4.02%
11.0 to 40.9	1,237	1.41%	23,599.7	9.26%
41.0 to 100.9	251	0.29%	15,117.9	5.93%
101.0 to 500.9	158	0.18%	33,061.4	12.98%
501 plus	75	0.08%	112,317.6	44.09%
TOTAL	87,641	100.00%	254,759.6	100.00%
Ponds (0.1 to 5.9				
acres)	84,603	96.53%	60,418.0	23.72%
Lakes (6.0 acres				
plus)	3,038	3.47%	194,341.6	76.28%



REGIONAL SUMMARY OF STREAMS BY WIDTH CATEGORY



FIG.5. STREAM ACREAGE BY REGION

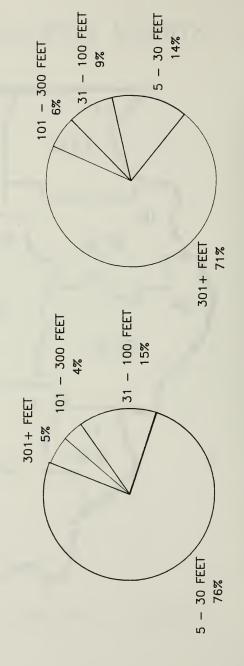


TOTAL = 300,000 ACRES

FIG. 6. MILES AND ACRES OF STREAMS BY WIDTH CATEGORY

MILES OF STREAMS

ACRES OF STREAMS



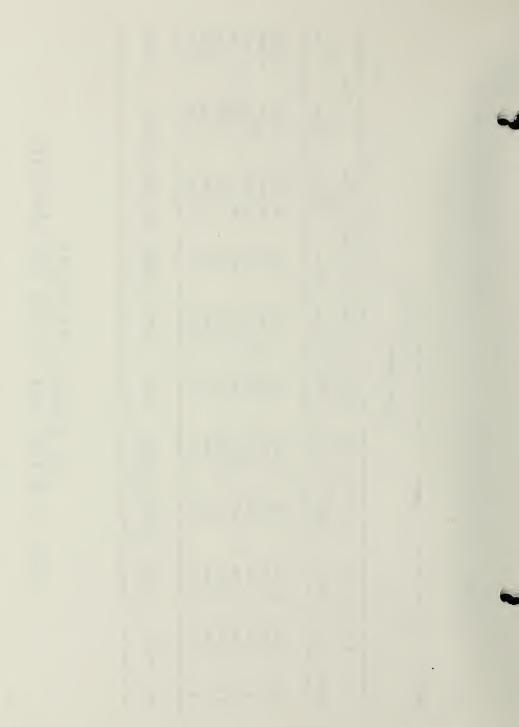
TOTAL = 26,310 MILES

TOTAL = 300,000 ACRES

Miles and Acres of Streams by Width Categories (1991) TABLE 5.

REGION SUMMARY

	5-30		31-100	31-100 ft. wide	101-300		301 plu	plus ft. wide	Total	Total
Region	Region Miles	Acres s	Miles	Acres	Miles	H C L	Miles	Horner I	Miles	Acres
	99 91 99 99 99 99 99 99 99 99 99 99	11 11 11 11 11 11 11 11 11	 	1(1) 1) 1) 1) 1) 1) 1) 1)	11 11 11 11 12 13 14 14 14 14	 	 	99 99 91 91 99 99 99 91 91 91 91		99 99 99 (C (i 13 99
1-A	1,830	3,790	290	2,150	115	1,670	203	36,070	2,438	43,680
1-8	3,120	7,630	800	5,560	115	1,680	302	66,960	4,337	81,830
2	1,980	5,450	200	1,730	200	4,710	150	10,000	2,530	21,890
3-R	3,410	7,120	802	5,080	165	3,050	320	61,770	4,700	77,020
9-6	3,950	8,700	840	5,570	110	1,610	25	230	4,925	16,410
ব	1,370	2,630	285	1,600	115	2,260	110	17,070	1,880	23,560
വ	4,340	7,880	089	4,510	210	3,020	270	20,200	5,500	35,610
## ## ## ## ##	11 11 11 11 11 11 11 11 11 11 11	" !! !! !! !! !! !! !! !! !! !!)))))))))))))))) ()	 	## ## ## ## ## ## ##	11 11 11 11 11 11 11)))))))))))) ((## CC CC FF CC CC FF CC CC FF CC FF FF CC CC	11 11 11 11 11 11 11 11	## ## ## ## ## ## ## ## ## ##
Total	Total 20,000	43,200	3,900	26,200	1,030	18,000	1,380	212,600	26,310	300,000
1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 (1 1) 1) 1) 1) 1)	1 1 1 1 1 1	1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1		1			1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
; ; ; ;								 	i ; ; ;	



ALPHABETICAL LISTING BY COUNTY OF SURFACE WATERS BY WATER TYPES



Alph tical Listing by County of Surface Waters, by Water Types (1991) TABLE 6.

	LUNE MICHIGHN	м	RESERVOIRS	IMPOUNDMENTS	DMENTS	STR	STREAMS	9
CIDUNTY	Acres	° S	Acres	NO.	Acres	Miles	Acres	TOTAL
Adams	2,537 2,659.6			2,537	2,659.6	396.0	7,344.0	10,003.6
Alexander				395	2,322.7	112.0	8,580.0	10,902.7
Bond		1	820.0	1,322	2,089.4	204.0	457.0	3,396.4
Boone				122	549.0	110.0	321.0	870.0
Brown				1,056	1,060.0	180.0	1,263.0	2,323.0
Bureau				264	2,233.9	409.0	2,196.0	4,429.9
Calhoun				558	4,224.3	105.0	20,838.0	25,062.3
Carroll				153	4,939.9	244.0	12,514.0	17, 453
Cass				512	4,524.7	163.0	1,650.0	6,174
Champaign				146	574.7	475.0	1,664.0	2,238.7
Christian				375	4,450.0	320.0	1,103.0	5, 553
Clark				1,154	1,746.4	269.0	874.0	2,620.4
Clay				1,134	854.6	308.0	777.0	1,631
Clinton		-	18,930.0	926	827.6	201.0	1,257.0	21,014.6
Coles				287	917.1	240.0	833.0	1,750.1
Cook	429,722.0			1,316	7,916.5	421.0	3,479.0	441,117.5
Crawford				1,298	971.8	263.0	1,362.0	2, 333.8
Cumber land				926	737.2	181.0	514.0	1,2512
41,470				001		0	,	070
				001	057.3	יום אינו	922.U	1,243.3
Dewitt				21.9	5, 127.8	174.0	430.0	5, 557
Douglas				154	261.4	194.0	605.0	866.4
OuPage				693	1,502.7	150.0	695.0	2,1977
Edgar				246	466.7	287.0	406.0	872.7
Edwards				802	492.1	143.0	336.0	828. 1
Effingham				1,037	1,298.3	238.0	515.0	1,813.3
Fayette		1	4,800.0	1,281	1,823.0	367.0	1,255.0	7,878.0
Ford				91	190.4	174.0	616.0	8064
Franklin		-	10,800.0	1,697	2,290.8	162.0	599.0	13,689.8
Fulton				2,748	12,032.2	448.13	3,518.0	15, 550 2
D - 1 1 - 4 :				4 4 7			0 100	

TABLE 6. Continued.

	LAKE MICHIGHN	RES	RESERVOIRS	IMPOUN	IMPOUNDMENTS	STR	STREAMS	
	Acres	0 Z	Acres	No.	Acres	Miles	Acres	TOTAL
Greene		 3 		1,290	1,172.6	274.0	274.0 2,683.0	3,855.6
Grundy				435	4,593.7	259.0	3,519.0	8,112.7
Hamilton				1,588	935.1	184.0	410.0	1,345.1
Hancock				1,237	795.9	437.0	12,899.0	13,694.9
Hardin				539	458.0	93.0	163.0	621.0
Henderson				307	1,045.7	191.0	21,388.0	22,433.7
Henry				438	918.0	267.0	857.0	1,775.0
Iroquois				142	545.5	579.0	2,539.0	3,084.
Jackson				1,551	5,068.1	340.0	4,172.0	9,240.
Jasper				1,295	2,636.3	253.0	930.0	3,566.
Jefferson		1	8,100.0	2,339	1,577.8	182.0	309.0	9,986.
Jersey				1,007	2,164.9	172.0	5,982.0	8,146.9
JoDaviess				210	1.548.7	324.0	11.702.0	13.250.
Johnson				1,883	3,041.6	174.0	524.0	3,565.
Sane				523	930.5	291.0	1,622.0	2,552.5
Kankakee				164	551.2	282.0	3,033.0	3,584.
Kendal1				177	260.3	160.0	1,199.0	1,459.
Knox				1,650	2,781.4	312.0	1,175.0	3,956.
e X	546.918.0			1,100	13,911.8	188.0	1.093.0	561.922.8
- Salle	1			6.00	2 559 1	449 0	6 731 0	10 290
a countries				762	704.0	202	1 517 0	2000
				405	774 7	240.0	2 288 0	3 062
ivination				300	688 7	527 0	2 515 0	1 203
Logan				182	406.0	225.0	877.0	1,283.0
() () () () () () () () () ()				101	2 000 0	0.746	200	7
M. C. C. C. C.				2 791	4 422 0	441.0	750.0	1,140.
Madison				2 193	7,133.7	347.0	7 7 7	10 556
Marion				1,785	9, 110, 9	314.0	530.0	3.640.3
Marshall				148	6, 118, 2	192.0	2,705.0	8,823.
1				217	14 243 A	0.021	0 050 0	2000

	LAKE MICHIGAN	RE	LAKE MICHIGAN RESERVOIRS	IMPOUNDMENTS	DMENTS	STREAMS	STREAMS		## ## ## ## ##
SOUNTY	Acres	N N	Acres	No.	Acres	Miles	Acres		TOTAL ACRES
Massac				973	1.344.6	91.0	319.0		1.663.6
AcDonough				640	811.3	307.0	584.0	-	395.3
McHenry				828	4,169.5	301.0	1,429.0	, n	598.5
McLean				581	2,180.4	466.10	1,007.0	in	187.4
Menard				346	543.6	126.0	828.0	-	371.6
Mercer				591	1,497.1	275.0	6,851.0	6 0	8,348.1
Honroe				1,610	1,957.8	222.0	6,097.0	60	054.8
Montgomery				1,126	4,925.1	321.0	785.0	ໝ	710.1
Morgan				902	2,880.6	255.0	913.0	m	9.662,
Moultrie		1	5,550.0	244	239.6	168.0	258.0	9	,047.6
Ogle				165	315.7	318.0	3,551.0	m	, 866. 7
Deoria				286	1,620.7	240.0	9,622.0	11	11,242.7
Perry				1,523	2,221.1	251.0	424.0	N	2,6451
Piatt				82	175.1	206.0	540.0		715.1
Pike				2,033	2,783.0	369.0	11,977.0	14	760.0
Pope				1,092	952.8	198.0	486.0	1	1,438.8
Julaski				841	652.1	93.0	244.0		896.1
Putnam				112	7,252.6	66.0	1,363.0	60	8,615.6
andolph				1,344	3,098.6	265.0	8.278.0	11	376.6
Richland				933	1,930.7	170.0	383.0		313.7
Rock Island				329	825.0	181.0	14,359,0	15	184.0
Saline				1,272	2,391.3	122.0	242.0	N	633.3
Sangamon				1,004	5, 522. 1	428.0	1,611.0	~	, 133.1
Schuyler				1,036	1,503.0	178.0	1,878.0	m	3,381.0
Scott				446	614.5	151.0	1,271.0		, 8855
Shelby		-	5,550.0	710	935.3	316.0	729.0	2	7,214.3
tark				94	190.4	146.0	499.0		689.4
St. Clair				1,557	3,829.8	319.0	2,600.0	9	,467.8
Stephenson				142	273.4	292.0	1,319.0	-	1,592.4
[azewe]]				483	4,145.0	316.0	2,418.0	9	,563.0

TABLE 6. Continued.

	LAKE MICHIGAN	RESERVOIRS	VOIRS	IMPOUN	IMPOUNDMENTS	STR	STREAMS	10101
COUNTY	A C	0	Acres	No.	Acres	Miles	Acres	RCRES
Union				2,164	3,276.9	212.0	i	6,252.9
Vermilion				266	1,899.3	423.0	2,100.0	3,999.3
Wabash				503	346.1	105.0		2,601.1
Warren				338	735.8	265.0		1,639.8
Washington				1,496	1,727.2	322.0		2,549.2
Hayne				2,277	1,661.3	320.0		2,642.3
White				986	995.8	254.0		4,587.8
Whiteside				157	820.9	339.0		9,182.9
Will				1,096	7,048.5	478.0		12,869.5
Williamson				2,062	12,554.8	194.0	432.0	12,986.8
Winnebago				21.7	1,113.4	256.0		4,144.4
Moodford				453	1,512.2	273.0		8,172.2
State Total	976,640.0	3 54,	54,580.0	87,641	87,641 254,759.6	26,310.0	26,310.0 300,000.0	1,585,979.6





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1993 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES



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1993 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES

INTRODUCTION

The first Illinois surface water inventory was published by the Division of Fisheries in February 1964 as Special Fisheries Report Number 1. District biologists collected the data for this first inventory from aerial photographs on file in each county Agricultural Stabilization and Conservation Service office, from interviews with county Soil Conservation Service personnel and from data in their own district files.

The original 1964 survey was updated according to annual new pond construction and published in 1972, 1978, 1982, 1985, 1987, 1989 and 1991.

This 1993 Inventory of Illinois Surface Water Resources is a supplement to these earlier surveys and serves to update the surface water inventory to include all waters in the state as of December 31, 1993. The basis for this update is the "new impoundment construction data" collected for each county by the district fisheries managers and published annually. At the end of each year, the biologists contact each county Soil Conservation Service office, as well as other agencies, and compile a list of all new impoundments built during the past year for each county. The data collected includes the size of the new impoundment in acres and the ownership classification.

Revisions were made for existing impoundments that have had changes in ownership classification or acreage. Stream miles and acreages were revised significantly in 1989 according to more accurate estimates and again in 1993 to include the Ohio River.

Classification of Surface Waters

Surface waters are permanent, open bodies of water 0.1 acre or larger. They are separated from wetlands by their permanence and by their general lack of emergent woody or graminoid vegetation. There are four subclasses: Lake Michigan, Reservoir, Impoundment, and Stream.

Lake Michigan:

Only about 7% of Lake Michigan is within the State of Illinois' jurisdiction and only that portion which is in Illinois is included in this inventory.

Reservoirs:

This classification includes only the three Corps of Engineers reservoirs (Carlyle, Rend and Shelbyville).

Impoundments:

This classification includes all standing bodies of water (lakes and ponds) constructed by artificial means or formed by nature, except Lake Michigan and the three Corps of Engineers reservoirs. Impoundments are further divided into categories according to ownership as follows:

 State: This category includes all impoundments owned or leased by the Illinois Department of Conservation.

- 2. <u>Public</u>: This category includes all impoundments owned or leased by a government agency, other than the Illinois Department of Conservation, that have public access.
- 3. <u>Organization</u>: This category includes all impoundments owned or leased by any organization of six or more members. Included are sportsmen clubs, scouts, church, civic, fraternal, associations, homeowner groups, country clubs, industrial, institutions, etc.
- Commercial: This category includes all impoundments privately owned or leased for which a fee is charged for fishing. These areas are licensed by the Illinois Department of Conservation.
- Private: This category includes all impoundments privately owned or leased which are not organizations or commercial areas.

<u>Streams</u>: This classification includes all flowing waters such as canals, creeks and rivers, regardless of ownership or leasing. Streams are further divided into four width categories as measured by their average width in a county. Intermittent streams are not included in the inventory.

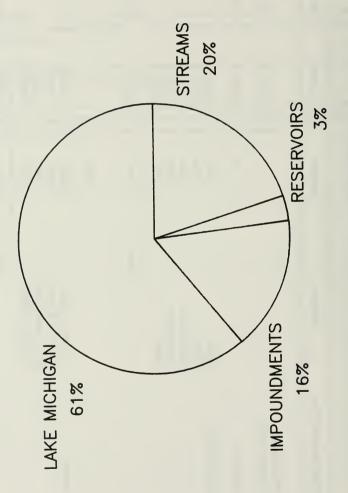
TABLE 1. ILLINOIS SURFACE WATER RESOURCES (1993)*

STATEWIDE SUMMARY

Water Resource Type	Category	Number	Acres Total Acres	Total Acres
Lake Michigan (III. portion only)			976,640.0	976,640.0
Reservoirs		ო	54,580.0	54,580.0
Impoundments:	State Public Organization Commercial Private	472 734 2,024 508 84,676	39,838.5 79,277.4 24,131.5 3,045.7 110,325.8	
	Tota	88,414	256,618.9	256,618.9
		Miles		
Streams	5 – 30 ft. wide 31 – 100 ft. wide 101 – 300 ft. wide 301 plus ft. wide	20,000 3,900 1,030 1,513	43,200 26,200 18,000 237,600	
	Total	26,443	325,000	325,000.0
GRAND TOTAL SURFACE WATER ACREAGE	GRAND TOTAL SURFACE WATER ACREAGE			1,612,838.9

* As of December 31, 1993

FIG. 1. SURFACE WATER ACREAGE BY WATER TYPE



TOTAL = 1,612,838.9 ACRES

REGIONAL AND COUNTY SUMMARY OF SURFACE WATERS BY WATER TYPE

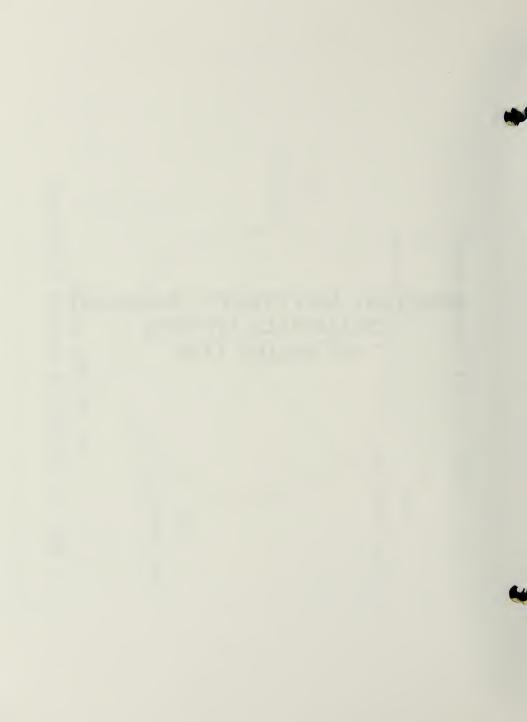
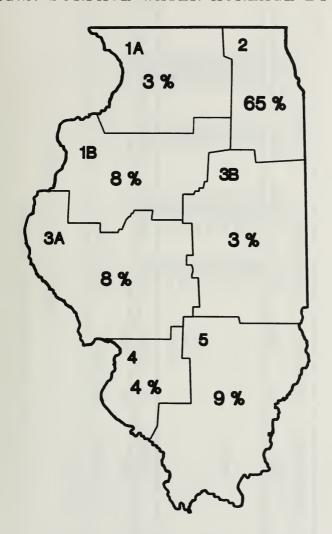


FIG.2. SURFACE WATER ACREAGE BY REGION



TOTAL = 1,612,838.9 ACRES

TABLE 2. Number (or Miles) and Acres of Surface Waters by Water Type (1993).

REGION SUMMARY

	LAKE MICHIGAN	RES	RESERVOIRS	IMPOUNDMENTS	MENTS	STREAMS		
REGION	Acres	S O	Acres	No.	Acres	Miles	Acres	ACRES
1-A				1,804	11,087.1	2,438.0	43,680.0	54,767.1
1-B		1		10,275	47,452.1	4,337.0	81,830.0	129,282.1
2	976,640.0	1		6,349	41,387.2	2,530.0	21,890.0	1,039,917.2
3-A				18,913	59,251.2	4,700.0	77,020.0	136,271.2
3-B		-	11,100.0	5,782	20,140.4	4,925.0	16,410.0	47,650.4
4		-	19,780.0	10,591	20,389.8	1,880.0	23,560.0	63,729.8
ည		-	23,700.0	34,700	56,911.1	5,633.0	60,610.0	141,221.1
Total	976,640.0	က	54,580.0	88,414	256,618.9	26,443.0	325,000.0	1,612,838.9
								==========

TABLE 2a. Number (or Miles) and Acres of Surface Waters by Water Type (1993).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

	LAKE MICHIGAN	RESERVOIRS	OIRS	IMPOUNDMENTS	AENTS	STREAMS		TOTAL
COUNTY	Acres	No. Acre	Acres	Ö	Acres	Miles	Acres	ACRES
Boone				126	552.4	110.0	321.0	873.4
Carroll				156	4,960.9	244.0	12,514.0	17,474.9
DeKalb				191	637.5	265.0	622.0	1,259.5
JoDaviess				221	1,560.9	324.0	11,702.0	13,262.9
Lee				410	785.9	290.0	2,288.0	3,073.9
Ogle				171	325.1	318.0	3,551.0	3,876.1
Stephenson				145	288.9	292.0	1,319.0	1,607.9
Whiteside				159	853.2	339.0	8,332.0	9,185.2
Winnebago				225	1,122.3	256.0	3,031.0	4,153.3
 Total				1,804	11,087.1	2,438.0	43,680.0	54,767.1

TABLE 2b. Number (or Miles) and Acres of Surface Waters by Water Type (1993).

REGION 1B - COUNTY SUMMARY

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	LAKE MICHIGAN	RESERVOIRS		IMPOUNDMENTS	MENTS	STREAMS		IATOT
COUNTY	Acres	o O V	Acres	Š.	Acres	Miles	Acres	ACRES
Bureau				267	2,236.4	409.0	2,196.0	4,432.4
Fulton				2,754	12,040.7	448.0	3,518.0	15,558.7
Henderson				310	1,049.7	191.0	21,388.0	22,437.7
Henry				443	949.5	267.0	857.0	1,806.5
Knox				1,654	2,796.2	312.0	1,175.0	3,971.2
LaSalle				099	3,584.3	449.0	6,731.0	10,315.3
Marshall				154	6,136.9	192.0	2,705.0	8,841.9
McDonough				641	813.1	307.0	584.0	1,397.1
Mercer				594	1,502.8	275.0	6,851.0	8,353.8
Peoria				966	1,636.0	240.0	9,622.0	11,258.0
Putnam				113	7,254.1	0.99	1,363.0	8,617.1
Rock Island				335	833.3	181.0	14,359.0	15,192.3
Stark				94	190.4	146.0	499.0	689.4
Tazewell				490	4,169.6	316.0	2,418.0	6,587.6
Warren				341	738.1	265.0	904.0	1,642.1
Woodford				429	1,521.0	273.0	0.099,9	8,181.0
Total				10,275	47,452.1	4,337.0	81,830.0	129,282.1
========	_======================================	=======	.=========		=========	========	=======================================	=======================================

TABLE 2c. Number (or Miles) and Acres of Surface Waters by Water Type (1993).

REGION 2 - COUNTY SUMMARY

		Acres	3,479.0	695.0	3,519.0	1,622.0	3,033.0	1,199.0	1,093.0	1,429.0	5,821.0	,530.0 21,890.0
	STREAMS	Miles		150.0	259.0	291.0	282.0	160.0	188.0	301.0	478.0	2,530.0 21,890.0
	MENTS			1,537.9	4,594.2	958.4	552.2	264.0	13,967.7	4,525.6		41,387.2
	IMPOUNDIMENTS	No.	1,319	629	436	535	165	179	1,139	835	1,102	6,349
	RESERVOIRS	No. Acres										
	RESE	ON										
(9 Counties)	LAKE MICHIGAN	Acres	429,722.0						546,918.0			976,640.0
REGION 2		COUNTY	Cook	DuPage	Grundy	Kane	Kankakee	Kendall	Lake	McHenry	Mil	Total

441,123.2 2,232.9 8,113.2 2,580.4 3,585.2 1,463.0 561,978.7 5,954.6 12,886.0

TOTAL ACRES

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1,039,917.2

TABLE 2d. Number (or Miles) and Acres of Surface Waters by Water Type (1993).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

AC NOIDEL	(I o contines)							
	LAKE MICHIGAN	RESERVOIRS	OIRS	IMPOUNDMENTS	AENTS	STREAMS		TOTAL
COUNTY	Acres	Š	Acres	No.	Acres	Miles	Acres	ACRES
Adams				2,545	2,667.4	396.0	7,344.0	10,011.4
Brown				1,059	1,061.3	180.0	1,263.0	2,324.3
Calhoun				260	4,224.9	105.0	20,838.0	25,062.9
Cass				517	4,531.2	163.0	1,650.0	6,181.2
Christian				380	4,455.5	320.0	1,103.0	5,558.5
Greene				1,290	1,172.6	274.0	2,683.0	3,855.6
Hancock				1,242	800.1	437.0	12,899.0	13,699.1
Jersey				1,013	2,177.7	172.0	5,982.0	8,159.7
Logan				190	447.5	225.0	877.0	1,324.5
Macoupin				2,799	4,457.1	441.0	758.0	5,215.1
Mason				317	14,243.4	159.0	2,360.0	16,603.4
Menard				356	6.009	126.0	828.0	1,428.9
Montgomery				1,140	4,964.1	321.0	785.0	5,749.1
Morgan				206	2,892.0	255.0	913.0	3,805.0
Pike				2,057	2,820.0	369.0	11,977.0	14,797.0
Sangamon				1,039	5,598.8	428.0	1,611.0	7,209.8
Schuyler				1,052	1,513.1	178.0	1,878.0	3,391.1
Scott				450	623.6	151.0	1,271.0	1,894.6
Total				18,913	59,251.2	4,700.0	77,020.0	136,271.2
		=======	========	========	========	========	=========	

TABLE 2e. Number (or Miles) and Acres of Surface Waters by Water Type (1993).

REGION 3B - COUNTY SUMMARY

(16 Counties)	
REGION 3B (

COUNTY A	NICOLIGAIN BUY	HENER	RESERVOIRS	IMPOUNDMENTS	AENTS	STREAMS		TOTAL
Champaign Clark	Acres	No.	Acres	ŏ	Acres	Miles	Acres	ACRES
Clark				148	592.0	475.0	1,664.0	2,256.0
				1,157	1,747.9	269.0	874.0	2,621.9
Coles				295	930.9	240.0	833.0	1,763.9
Cumberland				835	743.4	181.0	514.0	1,257.4
DeWitt				220	5,130.8	174.0	430.0	5,560.8
Douglas				155	262.4	194.0	605.0	867.4
Edgar				248	468.3	287.0	406.0	874.3
Ford				94	202.9	174.0	616.0	818.9
Iroquois				142	545.5	579.0	2,539.0	3,084.5
Livingston				395	688.7	527.0	2,515.0	3,203.7
Macon				200	3,386.4	246.0	780.0	4,166.4
McLean				581	2,180.4	466.0	1,007.0	3,187.4
Moultrie		1	5,550.0	246	242.1	168.0	258.0	6,050.1
Piatt				83	175.6	206.0	540.0	715.6
Shelby		-	5,550.0	715	942.8	316.0	729.0	7,221.8
Vermilion				268	1,900.3	423.0	2,100.0	4,000.3
Total		-	11,100.0	5,782	20,140.4	4,925.0	16,410.0	47,650.4

TABLE 2f. Number (or Miles) and Acres of Surface Waters by Water Type (1993).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

	LAKE MICHIGAN	RESEF	RESERVOIRS	IMPOUNDMENTS	AENTS	STREAMS		TOTAL
COUNTY	Acres	No.	No. Acres	No.	Acres	Miles	Acres	ACRES
Bond			850.0	1,332	2,105.3	204.0	457.0	3,412.3
Clinton		-	18,930.0	963	854.6	201.0	1,257.0	21,041.6
Madison			•	2,232	6,612.1	347.0	4,041.0	10,653.1
Monroe				1,635	2,031.3	222.0	6,097.0	8,128.3
Randolph				1,350	3,115.8	265.0	8,278.0	11,393.8
St. Clair				1,567	3,882.4	319.0	2,608.0	6,490.4
Washington				1,512	1,788.3		822.0	2,610.3
======================================		-	19,780.0	10,591	20,389.8	1,880.0	23,560.0	63,729.8

TABLE 2g. Number (or Miles) and Acres of Surface Waters by Water Type (1993).

REGION 5 - COUNTY SUMMARY

(27 Counties
REGION 5

	LAKE MICHIGAN RESERV	RESERVOIRS	VOIRS	IMPOUNDMENTS	MENTS	STREAMS		H AFCE
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES
Alexander				405	2,342.2	118.0	9,880.0	12,222.2
Clay				1,136	859.1	308.0	777.0	1,636.1
Crawford				1,311	984.3	263.0	1,362.0	2,346.3
Edwards				808	495.3	143.0	336.0	831.3
Effingham				1,042	1,311.9	238.0	515.0	1,826.9
Fayette		1	4,800.0	1,291	1,846.3	367.0	1,255.0	7,901.3
Franklin		-	10,800.0	1,706	2,305.0	162.0	299.0	13,704.0
Gallatin				460	654.4	144.0	4,197.0	4,851.4
Hamilton				1,611	951.8	184.0	410.0	1,361.8
Hardin				220	466.6	123.0	4,763.0	5,229.6
Jackson				1,561	5,076.7	340.0	4,172.0	9,248.7
Jasper				1,300	2,638.8	253.0	930.0	3,568.8
Jefferson		1	8,100.0	2,353	1,593.1	182.0	309.0	10,002.1
Johnson				1,902	3,054.8	174.0	524.0	3,578.8

TABLE 2g. Number (or Miles) and Acres of Surface Waters by Water Type (1993).

REGION 5 - COUNTY SUMMARY

	TOTAL	ACRES	2,227.0	3,669.2	8,174.0	2,654.2	6,658.5	5,409.5	2,330.5	2,637.5	6,279.9	2,608.4	2,649.1	4,589.3	13,024.7	141,221.1
		Acres	1,517.0	530.0	6,819.0	424.0	5,686.0	4,744.0	383.0	242.0	2,976.0	2,255.0	981.0	3,592.0	432.0	60,610.0
	STREAMS	Miles	202.0	314.0	119.0	251.0	229.0	112.0	170.0	122.0	212.0	105.0	320.0	254.0	194.0	5,633.0
	MENTS	Acres	710.0	3,139.2	1,355.0	2,230.2	972.5	665.5	1,947.5	2,395.5	3,303.9	353.4	1,668.1	997.3	12,592.7	56,911.1
	IMPOUNDMENTS	No.	765	1,799	982	1,529	1,108	852	949	1,280	2,186	512	2,284	939	2,076	34,700
- continued	RESERVOIRS	Acres														23,700.0
- continued	RESE	No.														-
(27 Counties)	LAKE MICHIGAN	Acres														
REGION 5		COUNTY	Lawrence	Marion	Massac	Perry	Pope	Pulaski	Richland	Saline	Union	Wabash	Wayne	White	Williamson	Total

REGIONAL AND COUNTY SUMMARY OF IMPOUNDMENTS BY OWNERSHIP CATEGORY

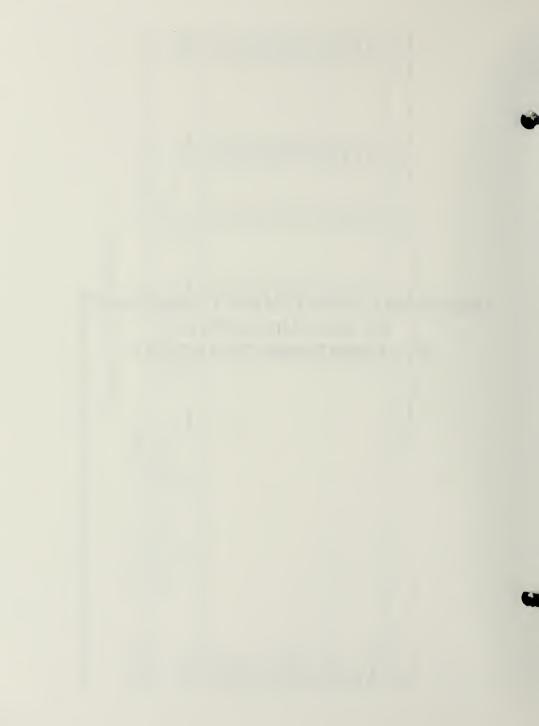
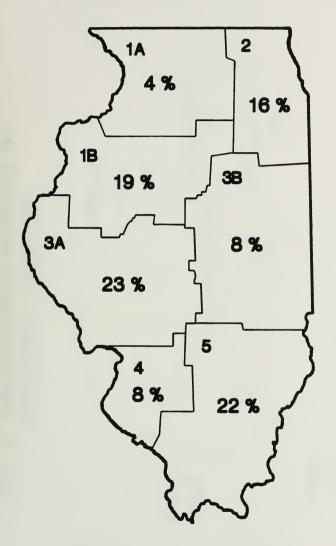


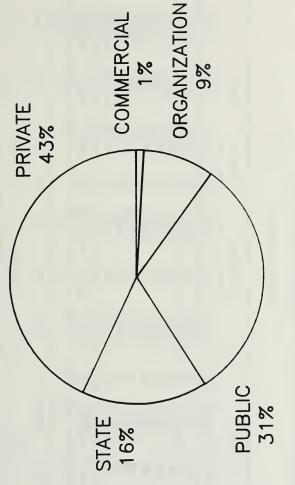
FIG.3. IMPOUNDMENT ACREAGE BY REGION



TOTAL = 256,618.9 ACRES



FIG. 4. IMPOUNDMENT ACREAGE BY OWNERSHIP CATEGORY



TOTAL = 256,618.9 ACRES

TABLE 3. Number and Acres of Impoundments by Ownership Category (1993).

REGION SUMMARY

	S	State		Public	Organization	ation	Comm	Commercial	Private		-	Total
Region	N O O	Acres	Š	Acres	Š	Acres	Š	Acres	No.	Acres	Š	Acres
1-A	14	687.6	33	!!	59	2,305.7	22	218.1	1,676	2,937.4	1,804	11,087.1
1-B	29	12,934.7	53		404	4,092.7	64	645.7	9,695	20,556.7	10,275	47,452.1
2	236	5,820.0	325	_	929	10,733.2	91	376.3	4,768	11,434.9	6,349	41,387.2
3-A	56	5,637.9	86		145	2,263.3	97	591.7	18,547	27,642.9	18,913	59,251.2
3-B	48	5,494.6	88		184	1,282.6	37	170.5	5,425	5,640.6	5,782	20,140.4
4	9	2,721.3	30		180	1,549.6	122	707.4	10,253	13,755.6	10,591	20,389.8
2	83	6,542.4	107	19,770.6	123	1,904.4	75	336.0	34,312	28,357.7	34,700	56,911.1
======= Total	472	39,838.5	734	79,277.4	2,024	24,131.5	===== 508	3,045.7	===== 84,676	110,325.8	88,414	====== 256,618.9

TABLE 3a. Number and Acres of Impoundments by Ownership Category (1993).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

	S	State	₫.	Public	Organization	ion	Commercial	ercial	Private		ĭ	Total
County	No.	Acres	No.	Acres	Š	Acres	Š	Acres	ŏ	Acres	No.	Acres
Boone	0	0.0	2	2.4	9	425.6	-	1.0	117	123.4	126	552.4
Carroll	-	1.0	4	3,970.0	-	0.009	-	8.6	149	381.3	156	4,960.9
DeKalb	0	325.7	ო	8.3	œ	28.0	2	38.7	173	236.8	191	637.5
JoDaviess	0	0.0	4	503.0	က	621.0	0	0.0	214	436.9	221	1,560.9
Lee	0	0.0	0	0.0	ß	88.5	9	57.4	399	640.0	410	785.9
Ogle	0	0.0	N	2.0	œ	83.0	8	24.0	159	216.1	171	325.1
Stephenson	-	43.4	4	19.0	8	10.0	0	0.0	138	216.5	145	288.9
Whiteside	9	107.6	4	367.5	4	41.5	က	16.0	142	320.6	159	853.2
Winnebago	4	209.9	9	1.99	22	408.1	4	72.4	185	365.8	225	1,122.3
Total	14	687.6	33	4,938.3	59	2,305.7	52	218.1	1676	2,937.4	1804	11,087.1

TABLE 3b. Number and Acres of Impoundments by Ownership Category (1993).

REGION 1B - COUNTY SUMMARY

REGION 1B (16 Counties)

County No. Acres Acres Acres Acres		S = = = = = = = = = = = = = = = = = = =	========= State	======================================	========= Public		tion		====== ercial	======= Private			======= Total
4 564.0 1 724.5 16 223.2 0 0.0 246 724.7 267 1 27.0 2 144.7 1 373.1 18 523.1 2,595 7,702.3 2,754 1 27.0 2 144.7 1 375.0 0 0.0 386 662.8 443 28 27.0 2 144.7 1 375.0 0 0.0 386 662.8 443 1 2,058.0 3 78.2 13 397.2 4 11.0 639 1,039.9 660 3 3,869.0 0 0.0 5 254.5 0 0.0 146 2,013.4 154 1 2,058.0 3 7.3 3 5.0 630 1,039.9 660 3 3,669.0 0 0.0 5 254.5 0 0.0 140.8 641 0 0.0 3 627.0	County	S S	Acres	No Z	Acres	o N O	Acres	No.	Acres	Š	Acres	Š	Acres
2 2,746.8 7 295.4 132 773.1 18 523.1 2,595 7,702.3 2,754 1 27.0 2 144.7 1 375.0 0 0.0 306 503.0 310 28 67.5 2 144.7 1 375.0 0 0.0 388 662.8 443 28 289.7 2 134.3 116 585.1 1 19.5 1,767.6 1,654 1 2,058.0 3 78.2 13 397.2 4 11.0 639 1,039.9 660 3 3,869.0 0 0.0 1 4 11.0 639 1,039.9 660 0 0.0 3 7.3 3 5.0 630 1,413 154.8 641.8 641.8 641.8 0 0.0 3 35.1 2 154.6 6 7.7 960 1,438.6 96 0 <	======== Bureau	======================================	564.0	 -	724.5	16	223.2	 0 	0.0	======= 246	724.7	======= 267	2,236.4
1 27.0 2 144.7 1 375.0 0 0.0 306 503.0 310 28 67.5 2 6.5 45 212.7 0 0.0 388 662.8 443 28 289.7 2 6.5 45 212.7 0 0.0 388 662.8 443 1 2,058.0 3 78.2 13 397.2 4 11.0 639 1,039.9 660 3 3,869.0 0 0.0 5 254.5 0 0.0 146 2,013.4 154 0 0.0 3 627.0 3 190.0 4 38.0 584 647.8 594 0 0.0 5 35.1 25 154.6 6 7.7 960 1,438.6 994 0 0.0 5 6,615.5 4 130.5 4 0.8 99 452.3 113 0 0	Fulton	2	2,746.8	7	295.4	132	773.1	18	523.1	2,595	7,702.3	2,754	12,040.7
8 67.5 2 6.5 45 212.7 0 0.0 388 662.8 443 28 289.7 2 134.3 116 585.1 1 19.5 1,507 1,767.6 1,654 1 2,058.0 3 78.2 13 397.2 4 11.0 639 1,039.9 660 3 3,869.0 0 0.0 5 254.5 0 0.0 146 2,013.4 154 154 0 0.0 3 627.0 3 190.0 4 38.0 584 641.8 594 594 0 0.0 5 154.6 6 7.7 960 1,438.6 996 452.3 113 0 0.0 5 171.4 1 55.0 8 12.4 33 450.5 34 0 0.0 0 0 0 0 0 0 0 34 450.4 34<	Henderson	-	27.0	2	144.7	-	375.0	0	0.0	306	503.0	310	1,049.7
28 289.7 2 134.3 116 585.1 1 19.5 1,507 1,767.6 1,654 1 2,058.0 3 78.2 13 397.2 4 11.0 639 1,039.9 660 3 3,869.0 0 0.0 5 254.5 0 0.0 146 2,013.4 154 661 0 0.0 3 627.0 3 7.3 3 5.0 630 419.8 641 154 641 154 641 154 641 154 641 154 641 154 641 154 641 154 641 154 641 154 164	Henry	80	67.5	2	6.5	45	212.7	0	0.0	388	662.8	443	949.5
1 2,058.0 3 78.2 13 397.2 4 11.0 639 1,039.9 660 3 3,869.0 0 0.0 5 254.5 0 0.0 146 2,013.4 154 154 0 0.0 3 627.0 3 190.0 4 38.0 584 647.8 594 0 0.0 5 35.1 25 154.6 6 7.7 960 1,438.6 996 1 55.0 5 6,615.5 4 130.5 4 0.8 99 452.3 113 0 0.0 0 0 0 0 0 0 0 145.3 594.5 335 0 0.0 0	Knox	28	289.7	2	134.3	116	585.1	-	19.5	1,507	1,767.6	1,654	2,796.2
3 3,869.0 0 0.0 5 254.5 0 0.0 146 2,013.4 154 154 1 95.1 4 285.9 3 7.3 3 5.0 630 419.8 641 641 0 0.0 3 627.0 3 190.0 4 38.0 584 647.8 594 1 6.0 0.0 5 35.1 25 154.6 6 7.7 960 1,438.6 596 0 0.0 1 150.0 4 130.5 4 10.8 452.3 113 0 0.0 0 0 0 0 0 0 0 445.4 584.5 335 1 0.0 0 <t< td=""><td>LaSalle</td><td>-</td><td>2,058.0</td><td>က</td><td>78.2</td><td>13</td><td>397.2</td><td>4</td><td>11.0</td><td>639</td><td>1,039.9</td><td>099</td><td>3,584.3</td></t<>	LaSalle	-	2,058.0	က	78.2	13	397.2	4	11.0	639	1,039.9	099	3,584.3
1 95.1 4 285.9 3 7.3 3 5.0 630 419.8 641 0 0.0 3 627.0 3 190.0 4 38.0 584 647.8 594 1 0.0 0.0 5 35.1 25 154.6 6 7.7 960 1,438.6 996 1 55.0 4 130.5 4 0.8 99 452.3 113 0 0.0 5 171.4 1 55.0 8 12.4 321 594.5 335 0 0.0 0 0 0 0 93 165.4 94 1 0.0 0 0 0 0 93 165.4 94 1 0.6 3 14.7 3 322.9 0 0.0 334 429 1 0.0 1 30.0 6 34.4 9 12.8 413 <t< td=""><td>Marshall</td><td>က</td><td>3,869.0</td><td>0</td><td>0.0</td><td>ß</td><td>254.5</td><td>0</td><td>0.0</td><td>146</td><td>2,013.4</td><td>154</td><td>6,136.9</td></t<>	Marshall	က	3,869.0	0	0.0	ß	254.5	0	0.0	146	2,013.4	154	6,136.9
0 0.0 3 627.0 3 190.0 4 38.0 584 647.8 594 0 0.0 5 35.1 25 154.6 6 7.7 960 1,438.6 996 1 55.0 5 6,615.5 4 130.5 4 0.8 99 452.3 113 0 0.0 5 171.4 1 55.0 8 12.4 321 594.5 335 0 0.0 0 0 0 0 93 165.4 94 1 25.0 0 0.0 93 165.4 94 2 3,162.0 1 25.0 0 0.0 93 165.4 90 1 0.6 3 14.7 3 322.9 0 0.0 334 429 0 0.0 1 30.0 6 34.4 9 12.8 413 1,443.8 429 <t< td=""><td>McDonough</td><td>-</td><td>95.1</td><td>4</td><td>285.9</td><td>က</td><td>7.3</td><td>က</td><td>5.0</td><td>630</td><td>419.8</td><td>641</td><td>813.1</td></t<>	McDonough	-	95.1	4	285.9	က	7.3	က	5.0	630	419.8	641	813.1
0 0.0 5 35.1 25 154.6 6 7.7 960 1,438.6 996 1 55.0 5 6,615.5 4 130.5 4 0.8 99 452.3 113 0 0.0 5 171.4 1 55.0 8 12.4 321 594.5 335 0 0.0 0 0 0 93 165.4 94 1 0.0 0 0 0 93 165.4 94 1 0.6 3 14.7 3 322.9 0 0.0 334 580.9 490 0 0.0 1 30.0 6 34.4 9 12.8 413 1,443.8 429 0 0.0 1 30.0 6 34.4 9 12.8 413 1,443.8 429 0 0.0 1 30.0 6 34.4 9 12.9 0,695 <td>Mercer</td> <td>0</td> <td>0.0</td> <td>က</td> <td>627.0</td> <td>က</td> <td>190.0</td> <td>4</td> <td>38.0</td> <td>584</td> <td>647.8</td> <td>594</td> <td>1,502.8</td>	Mercer	0	0.0	က	627.0	က	190.0	4	38.0	584	647.8	594	1,502.8
1 55.0 5 6,615.5 4 130.5 4 0.8 99 452.3 113 0 0.0 5 171.4 1 55.0 8 12.4 321 594.5 335 0 0.0 0 0 1 25.0 0 0 93 165.4 94 9 3,162.0 10 59.1 30 352.2 7 15.4 434 580.9 490 1 0.6 3 14.7 3 322.9 0 0.0 334 399.9 341 0 0.0 1 30.0 6 34.4 9 12.8 413 1,443.8 429 ====================================	Peoria	0	0.0	വ	35.1	52	154.6	9	7.7	096	1,438.6	966	1,636.0
0 0.0 5 171.4 1 55.0 8 12.4 321 594.5 335 355 35 0.0 0.0 0.0 0.0 0.0 1 25.0 0 0.0 93 165.4 94 94 94 94 94 95.1 94 95.1 94 95.1 94 95.1 94 95.1 94 95.1 94 95.1 94 95.1 94 95.1 94 95.1 94 95.1 94 95.1 94 95.1 94 95.1 94.1 9 12.8 413 1,443.8 429 94 94.1 9 12.8 413 1,443.8 429 94 94.1 9 12.8 413 1,443.8 429 94 94.1 94.9 94.1 94.1 94.1 94.1 94.1	Putnam	-	55.0	വ	6,615.5	4	130.5	4	9.0	66	452.3	113	7,254.1
0 0.0 0 0.0 1 25.0 0 0.0 93 165.4 94 9 3,162.0 10 59.1 30 352.2 7 15.4 434 580.9 490 1 0.6 3 14.7 3 322.9 0 0.0 334 399.9 341 0 0.0 1 30.0 6 34.4 9 12.8 413 1,443.8 429 ====================================	Rock Island	0	0.0	വ	171.4	-	55.0	œ	12.4	321	594.5	335	833.3
9 3,162.0 10 59.1 30 352.2 7 15.4 434 580.9 490 1 0.6 3 14.7 3 322.9 0 0.0 334 399.9 341 0 0.0 1 30.0 6 34.4 9 12.8 413 1,443.8 429 ====================================	Stark	0	0.0	0	0.0	-	25.0	0	0.0	93	165.4	94	190.4
1 0.6 3 14.7 3 322.9 0 0.0 334 399.9 341 0 0.0 1 30.0 6 34.4 9 12.8 413 1,443.8 429 ====================================	Tazewell	0	3,162.0	9	59.1	30	352.2	7	15.4	434	580.9	490	4,169.6
0 0.0 1 30.0 6 34.4 9 12.8 413 1,443.8 429 ====================================	Warren	-	9.0	က	14.7	က	322.9	0	0.0	334	399.9	341	738.1
59 12,934.7 53 9,222.3 404 4,092.7 64 645.7 9,695 20,556.7 10,275	Woodford	0	0.0	-	30.0	9	34.4	თ	12.8	413	1,443.8	429	1,521.0
	Total	59	12,934.7	53	9,222.3	404	4,092.7	64	645.7	9,695	20,556.7	10,275	47,452.1

TABLE 3c. Number and Acres of Impoundments by Ownership Category (1993).

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

	Ó	State	о.	Public	Organization	ation	Commercial	ercial	Private		ĭ	Total
County	ON	Acres	O	Acres	S S	Acres	Š Š	Acres	N O	Acres	N O O	Acres
Cook	= = = 2	434.2	137	4,696.6	293	1,262.2	=	36.5	873	1,492.7	1,319	7,922.2
DuPage	0	0.0	88	592.9	164	500.9	0	13.1	378	431.0	639	1,537.9
Grundy	198	2,275.1	0	0.0	83	850.1	8	0.09	147	1,409.0	436	4,594.2
Kane	0	0.0	4	135.6	63	279.8	44	36.2	414	506.8	535	958.4
Kankakee	0	0.0	N	9.5	=	138.6	2	27.5	147	376.6	165	552.2
Kendall	9	26.3	N	3.9	12	48.8	0	0.0	155	185.0	179	264.0
Lake	17	279.7	22	6,309.8	123	4,541.3	4	28.6	938	2,808.3	1,139	13,967.7
McHenry	က	74.4	14	1,065.9	32	2,287.5	9	22.6	773	1,075.2	835	4,525.6
Will	ო	2,730.3	Ξ	208.6	139	824.0	9	151.8	943	3,150.3	1,102	7,065.0
======= Total	=======================================	5,820.0	325	13,022.8	929	10,733.2	91	376.3	4,768	11,434.9	====== 6,349	======= 41,387.2

TABLE 3d. Number and Acres of Impoundments by Ownership Category (1993).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

	ัด	State	a.	Public	Organization	tion	Commercial	ercial	Private		F	Total
County	o N	Acres	Š	Acres	S O O	Acres	o N N	Acres	Š	Acres	Š	Acres
Adams	 	58.0	7	30.6	 8 	92.0	5	====== 98.5	2,524	2,388.3	2,545	2,667.4
Brown	0	0.0	-	26.1	0	0.0	ო	4.5	1,055	1,030.7	1,059	1,061.3
Calhoun	0	0.0	01	2,943.1	18	638.4	0	0.0	532	643.4	260	4,224.9
Cass	0	0.009	8	627.0	Ξ	32.0	8	4.0	502	3,268.2	517	4,531.2
Christian	က	2,551.1	9	1,403.1	2	70.0	7	73.4	355	357.9	380	4,455.5
Greene	0	0.0	2	103.7	80	18.5	8	7.7	1,275	1,042.7	1,290	1,172.6
Hancock	-	12.6	S	78.0	-	0.3	8	20.0	1,233	659.2	1,242	800.1
Jersey	0	0.0	80	1,369.1	4	34.8	15	59.8	986	714.0	1,013	2,177.7
Logan	0	0.0	0	0.0	7	121.8	9	81.9	173	243.8	190	447.5
Macoupin	-	9.99	14	1,439.6	56	403.4	23	121.7	2,735	2,435.8	2,799	4,457.1
Mason	17	1,103.3	2	5,947.5	8	52.9	-	0.5	292	7,139.2	317	14,243.4
Menard	0	0.0	က	2.2	14	250.2	0	0.0	339	348.5	356	6.009
Montgomery	-	1,102.0	9	2,740.3	우	50.3	9	12.0	1,117	1,059.5	1,140	4,964.1
Morgan	0	0.0	7	1,857.5	80	166.8	0	4.7	890	863.0	206	2,892.0
Pike	0	0.0	N	257.1	8	34.6	4	45.0	2,049	2,486.3	2,057	2,820.0
Sangamon	-	150.5	12	4,286.7	16	82.1	15	31.0	982	1,048.5	1,039	5,598.8
Schuyler	-	3.8	-	3.8	8	19.7	0	0.0	1,048	1,485.8	1,052	1,513.1
Scott	0	0.0	0	0.0	ო	195.5	0	0.0	447	428.1	450	623.6
======================================	===== 26	5.637.9	86 	23.115.4	145	2.263.3	======	======= 591.7	======== 18.547	27.642.9	======= 18.913	====== 59.251.2

TABLE 3e. Number and Acres of Impoundments by Ownership Category (1993).

REGION 3B - COUNTY SUMMARY

REGION 3B (16 Counties)

	S	State	ھَ ا	Public	Organization	ion	Commercial	ercial	Private		ř	Total
County	N O N	Acres	Š Š	Acres	Š	Acres	No.	Acres	ŏ	Acres	Š	Acres
Champaign	-	0.8	13	263.4	19	118.4		22.0	110	187.4	148	592.0
Clark	-	145.6	ო	815.1	7	19.6	0	0.0	1,146	9'292	1,157	1,747.9
Coles	2	14.4	2	627.0	4	10.0	0	0.0	284	279.5	295	930.9
Cumberland	0	0.0	ო	340.2	4	16.2	-	4.0	827	383.0	835	743.4
DeWitt	8	4,924.4	4	14.5	10	19.7	က	5.0	201	167.2	220	5,130.8
Douglas	-	58.7	0	0.0	ო	46.3	0	0.0	151	157.4	155	262.4
Edgar	0	0.0	N	219.5	က	9.0	0	0.0	243	239.8	248	468.3
Ford	0	0.0	0	0.0	ß	30.0	-	5.0	88	167.9	94	202.9
Iroquois	0	0.0	-	1.0	우	270.3	4	41.0	127	233.2	142	545.5
Livingston	0	0.0	ო	9.1	4	8.0	ω	21.6	383	650.0	395	688.7
Macon	0	0.0	9	3,101.2	S	16.2	-	1.0	188	268.0	200	3,386.4
McLean	-	158.0	ω	1,347.7	15	94.9	ω	52.3	552	527.5	581	2,180.4
Moultrie	S	4.5	22	42.3	9	26.4	0	0.0	209	168.9	246	242.1
Piatt	0	0.0	7	24.1	က	2.5	-	 6.	72	147.7	83	175.6
Shelby	4	3.7	ω	523.3	ß	23.7	4	6.3	269	385.8	715	942.8
Vermilion	31	184.5	6	223.7	11	571.4	4	11.0	147	206	268	1,900.3
========= Total		========= 5,494.6	 88 	 7,552.1	184	1,282.6	37	170.5	======= 5.425	5.640.6	=======================================	20.140.4

TABLE 3f. Number and Acres of Impoundments by Ownership Category (1993).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

	Ö	State	Δ.	Public	Organization	ion	Comm	Sommercial	Private		ř	Total
County	No.	Acres	S O N	Acres	Š Š	Acres	No.	Acres	No.	Acres	No.	Acres
Bond	 0 	0.0	8	800.1	7	48.1	&	67.5	1,315	1,189.6	1,332	2,105.3
Clinton	0	0.0	0	0.0	80	31.5	-	4.5	954	818.6	963	854.6
Madison	0	0.0	0	583.5	46	848.1	56	108.0	2,151	5,072.5	2,232	6,612.1
Monroe	0	0.0	4	46.9	48	172.8	30	81.0	1,553	1,730.6	1,635	2,031.3
Randolph	က	1,351.3	က	94.5	6	9'29	0	105.0	1,326	1,497.4	1,350	3,115.8
St. Clair	7	1,122.0	80	56.2	28	352.2	40	280.5	1,459	2,071.5	1,567	3,882.4
Washington	-	248.0	4	74.7	4	29.3	ω	6.09	1,495	1,375.4	1,512	1,788.3
======================================	9	2,721.3	30	======== 1,655.9	180	1,549.6	122	707.4	10,253	13,755.6	====== 10,591	20,389.8

TABLE 3g. Number and Acres of Impoundments by Ownership Category (1993).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

		======================================	<u>Q</u>	Public		on	Commercial	====== ercial	 Private			======= Total
County	o O	Acres	No.	Acres	o S	Acres	o S	Acres	No.	Acres	Š	Acres
Alexander		1,890.0	2	12.6	- -	18.8	2	7.5	399	413.3	405	2,342.2
Clay	0	0.0	8	11.4	9	116.4	0	0.0	1,128	731.3	1,136	859.1
Crawford	0	0.0	-	5.5	7	51.3	0	0.0	1,303	927.5	1,311	984.3
Edwards	0	0.0	4	44.2	ო	27.4	0	0.0	801	423.7	808	495.3
Effingham	0	0.0	8	0.909	4	15.6	9	43.0	1,030	647.3	1,042	1,311.9
Fayette	9	52.4	2	761.1	4	25.4	က	22.5	1,273	984.9	1,291	1,846.3
Franklin	-	0.4	15	805.9	7	164.9	က	42.5	1,680	1,291.3	1,706	2,305.0
Gallatin	0	0.0	8	49.6	-	10.2	0	0.0	457	594.6	460	654.4
Hamilton	ω	75.3	N	78.1	0	0.0	က	10.6	1,598	787.8	1,611	951.8
Hardin	o	0.0	8	15.0	0	0.0	35	30.1	513	421.5	220	466.6
Jackson	7	155.5	က	2,894.1	13	429.8	8	6.5	1,536	1,590.8	1,561	5,076.7
Jasper	7	1,880.0	0	0.0	4	24.5	0	0.0	1,294	734.3	1,300	2,638.8
Jefferson	-	7.7	4	127.2	4	233.5	0	0.0	2,344	1,224.7	2,353	1,593.1
Johnson	S	296.3	ო	178.4	2	27.0	-	20.0	1,891	2,503.1	1,902	3,054.8

TABLE 3g. Number and Acres of Impoundments by Ownership Category (1993).

REGION 5 - COUNTY SUMMARY

REGION 5	(27 Counties)	inties)	- continued	inued								
	Ste	State	<u>G</u>	Public	Organization	ion	Commercial	ercial	====== Private			Total
County	o S	Acres	o O O	Acres	ŏ	Acres	o S	Acres	o O O	Acres	o N	Acres
Lawrence	-	40.0	-	0.6	7	71.5	0	0.0	756	589.5	765	710.0
Marion	9	530.1	7	1,521.8	12	165.6	8	14.0	1,772	7.706	1,799	3,139.2
Massac	-	452.0	0	0.0	4	46.6	0	0.0	980	856.4	985	1,355.0
Perry	52	134.7	7	348.0	9	39.3	0	0.0	1,496	1,708.2	1,529	2,230.2
Pope	0	0.0	9	307.5	0	0.0	-	8.0	1,101	657.0	1,108	972.5
Pulaski	0	0.0	-	4.6	-	3.4	7	30.0	843	627.5	852	665.5
Richland	0	0.0	4	1,326.2	-	1.7	0	0.0	944	619.6	949	1,947.5
Saline	-	105.0	13	435.8	4	45.8	2	21.0	1,257	1,787.9	1,280	2,395.5
Union	17	729.0	ß	1,025.0	Ø	5.9	0	0.0	2,162	1,544.0	2,186	3,303.9
Wabash	0	0.0	8	3.9	ო	113.8	0	0.0	202	235.7	512	353.4
Wayne	-	194.0	2	14.3	ß	51.8	0	0.0	2,276	1,408.0	2,284	1,668.1
White	0	0.0	2	34.8	Ø	55.9	0	0.0	932	906.6	939	997.3
Williamson	0	0.0	12	9,150.6	50	158.3	သ	50.3	2,039	3,233.5	2,076	12,592.7
Total	83	6,542.4	107	19,770.6	123	1,904.4	75	336.0	34,312	28,357.7	34,700	56,911.1

NUMBER AND ACRES OF IMPOUNDMENTS BY SIZE CATEGORY

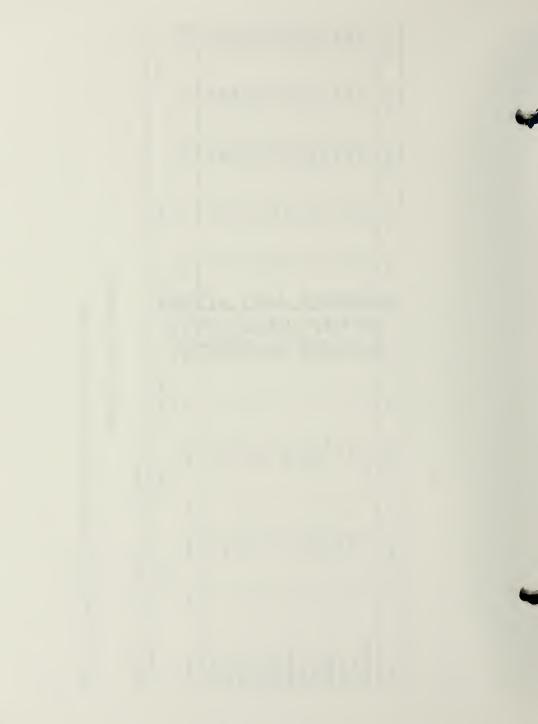


Table 4. Number and Acres of Impoundments by Size Categories (1993)

Size Categories	,	Artificial		Vatural
Acres	Number	Total Acreage	Number	Total Acreage
0.1 to 0.4 0.5 to 0.9 1.0 to 5.9 6.0 to 10.9 11.0 to 40.9 41.0 to 100.9 101.0 to 500.9 501 plus	43,595 20,126 18,053 1,145 945 161 81 43	9,903.8 12,729.0 34,858.3 8,834.4 17,556.1 9,507.2 17,030.1 65,815.5	838 1,192 202 307 90 78	386.9 581.7 2,995.2 1,639.7 6,292.9 5,624.7 16,361.3 46,502.1
TOTAL PERCENT	84,149 95.18%	176,234.4 68.68%		80,384.5 31.32%

COMBINED TOTAL OF ARTIFICIAL AND NATURAL IMPOUNDMENTS

3,084

(6.0 ac. plus)

Size Categories				
Acres	Number	Percent	Acreage	Percent
0.1 to 0.4	45,121	51.03%	10,290.7	4.01%
0.5 to 0.9	20,964	23.71%	13,310.7	5.19%
1.0 to 5.9	19,245	21.77%	37,853.5	14.75%
6.0 to 10.9	1,347	1.52%	10,474.1	4.08%
11.0 to 40.9	1,252	1.42%	23,849.0	9.29%
41.0 to 100.9	251	0.28%	15,131.9	5.90%
101.0 to 500.9	159	0.18%	33,391.4	13.01%
501 plus	75	0.09%	112,317.6	43.77%
•			, i	
TOTAL	88,414	100.00%	256,618.9	100.00%
	, ,	'	, '	
Ponds				
(0.1 to 5.9 ac.)	85,330	96.51%	61,454.9	23.95%
(5 15 5.6 46.)	00,000	00.0170	01,401.0	20.0070
Lakes				

3.49%

76.05%

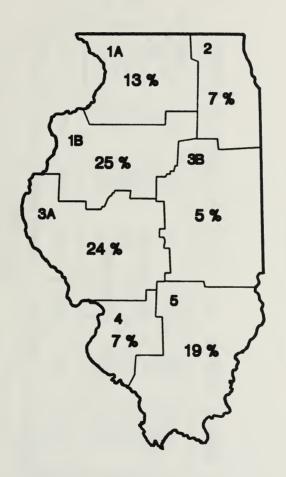
195,164.0



REGIONAL SUMMARY OF STREAMS BY WIDTH CATEGORY



FIG.5. STREAM ACREAGE BY REGION



TOTAL = 325,000 ACRES

FIG. 6. MILES AND ACRES OF STREAMS BY WIDTH CATEGORY

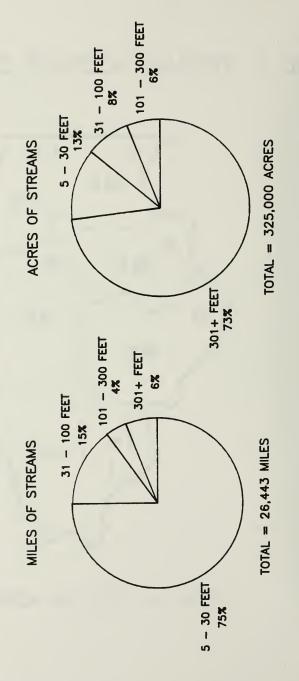


TABLE 5. Miles and Acres of Streams by Width Categories (1993)

REGION SUMMARY

- WHO	O AL	Acres	42 600	ָרָילָילָילָילָילָילָילָילָילָילָילָילָילָ	81,830	21,890	77,020	16,410	23,560	60,610	325,000	
F	=	Miles	0 4 20	D 1	4,337	2,530	4,700	4,925	1,880	5,633	26,443	
	301 PLUS FI. WIDE	Acres	020.36	200	096'99	10,000	61,770	230	17,070	45,200	237,600	
200	<u> </u>	Miles	800	3	305	150	320	52	110	403	1,513	
	101-300 FI. WIDE	Acres	4 670	2 .	1,680	4,710	3,050	1,610	2,260	3,020	18,000	
707	101	Miles	4 +	2 :	115	200	165	110	115	210	1,030	
	31-100 FI. WIDE	Acres	0.450	2	5,560	1,730	5,080	5,570	1,600	4,510	26,200	
100	91-16 10-10	Miles	COC	2	800	200	802	840	285	089	3,900	
	5-30 FI. WIDE	Acres	2 700		7,630	5,450	7,120	8,700	2,630	7,880	43,200	
ı	08-90	Miles	1000	0,	3,120	1,980	3,410	3,950	1,370	4,340	20,000	
		Region	-	C 1	1-8	7	3-A	3-B	4	ഹ	Total	

ALPHABETICAL LISTING BY COUNTY OF SURFACE WATERS BY WATER TYPES

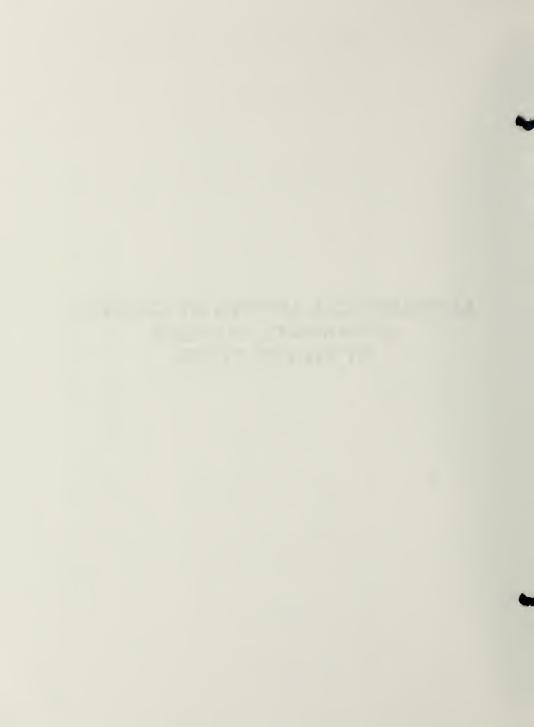


TABLE 6. Alphabetical Listing by County of Surface Waters, by Water Types (1993)

	LAKE MICHIGAN RESERVOIRS IMPOUNDMENTS STREAMS	RESERVOIRS	 Voirs	IMPOUNDMENTS	======= ENTS	STREAMS		
								TOTAL
	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES
Adams			 1 1 1 1 1 1	2,545	2,667.4	396.0	7,344.0	10,011.4
Alexander				405	2,342.2	118.0	9,880.0	12,222.2
Bond			850.0	1,332	2,105.3	204.0	457.0	3,412.3
Boone				126	552.4	110.0	321.0	873.4
Brown				1,059	1,061.3	180.0	1,263.0	2,324.3
Bureau				267	2,236.4	409.0	2,196.0	4,432.4
Calhoun				260	4,224.9	105.0	20,838.0	25,062.9
Carroll				156	4,960.9	244.0	12,514.0	17,474.9
Cass				517	4,531.2	163.0	1,650.0	6,181.2
Champaign				148	592.0	475.0	1,664.0	2,256.0
Christian				380	4,455.5	320.0	1,103.0	5,558.5
Clark				1,157	1,747.9	269.0	874.0	2,621.9
yel				1 136	850 1	0 808	0 222	1 636 1
(n)				2 .		0.00	2.1	1000
Clinton		-	18,930.0	963	854.6	201.0	1,257.0	21,041.6
Coles				295	930.9	240.0	833.0	1,763.9
Cook	429,722.0			1,319	7,922.2	421.0	3,479.0	441,123.2
Crawford				1,311	984.3	263.0	1,362.0	2,346.3
Cumberland				832	743.4	181.0	514.0	1,257.4
DeKalb				191	637.5	265.0	622.0	1,259.5
DeWitt				220	5,130.8	174.0	430.0	5,560.8
Douglas				155	262.4	194.0	605.0	867.4
DuPage				629	1,537.9	150.0	695.0	2,232.9
Edgar				248	468.3	287.0	406.0	874.3
Edwards				808	495.3	143.0	336.0	831.3
Effingham				1,042	1,311.9	238.0	515.0	1,826.9
Fayette			4,800.0	1,291	1,846.3	367.0	1,255.0	7,901.3
Ford				94	202.9	174.0	616.0	818.9
Franklin		-	10,800.0	1,706	2,305.0	162.0	299.0	13,704.0
Fulton				2,754	12,040.7	448.0	3,518.0	15,558.7
Gallatin				460	654.4	144.0	4,197.0	4,851.4

TABLE 6. Continued.

			HESEHVOIRS	IMPOUNDMENTS	ENTS	STREAMS		IATOT
	Acres	o S	Acres	ě	Acres	i	Acres	ACRES
				1,290	1,172.6		II	3,855.6
Grundy				436	4,594.2	259.0	3,519.0	8,113.2
Hamilton				1,611	951.8	184.0	410.0	1,361.8
Hancock				1,242	800.1	437.0	12,899.0	13,699.1
Hardin				220	466.6	123.0	4,763.0	5,229.6
Henderson				310	1,049.7	191.0	21,388.0	22,437.7
Henry				443	949.5	267.0	857.0	1,806.5
Iroquois				142	545.5	579.0	2,539.0	3,084.5
Jackson				1,561	5,076.7	340.0	4,172.0	9,248.7
Jasper				1,300	2,638.8	253.0	930.0	3,568.8
Jefferson		1	8,100.0	2,353	1,593.1	182.0	309.0	10,002.1
Jersey				1,013	2,177.7	172.0	5,982.0	8,159.7
JoDaviess				221	1,560.9	324.0	11,702.0	13,262.9
Johnson				1,902	3,054.8	174.0	524.0	3,578.8
Kane				535	958.4	291.0	1,622.0	2,580.4
Kankakee				165	552.2	282.0	3,033.0	3,585.2
Kendall				179	264.0	160.0	1,199.0	1,463.0
Knox				1,654	2,796.2	312.0	1,175.0	3,971.2
Lake	546,918.0			1,139	13,967.7	188.0	1,093.0	561,978.7
LaSalle				099	3,584.3	449.0	6,731.0	10,315.3
Lawrence				765	710.0	202.0	1,517.0	2,227.0
Lee				410	785.9	290.0	2,288.0	3,073.9
Livingston				395	688.7	527.0	2,515.0	3,203.7
Logan				190	447.5	225.0	877.0	1,324.5
Macon				200	3,386.4	246.0	780.0	4,166.4
Macoupin				2,799	4,457.1	441.0	758.0	5,215.1
Madison				2,232	6,612.1	347.0	4,041.0	10,653.1
Marion				1,799	3,139.2	314.0	530.0	3,669.2
Marshall				154	6,136.9	192.0	2,705.0	8,841.9
Mason				317	14,243.4	159.0	2,360.0	16,603.4

TABLE 6. Continued.

	LAKE MICHIGAN RESERVOIRS IMPOUNDMENTS	RESEF	RESERVOIRS	IMPOUNDMENTS	ii	========= STREAMS		
COUNTY	Acres	ŏ	Acres	o Z	Acres	Miles	Acres	TOTAL
Massac				985	1.355.0	119.0	6.819.0	8.174.0
McDonough				641	813.1	307.0	584.0	1,397.1
McHenry				835	4,525.6	301.0	1,429.0	5,954.6
McLean				581	2,180.4	466.0	1,007.0	3,187.4
Menard				356	6.009	126.0	828.0	1,428.9
Mercer				594	1,502.8	275.0	6,851.0	8,353.8
Monroe				1,635	2,031.3	222.0	6,097.0	8,128.3
Montgomery				1,140	4,964.1	321.0	785.0	5,749.1
Morgan				907	2,892.0	255.0	913.0	3,805.0
Moultrie			5,550.0	246	242.1	168.0	258.0	6,050.1
Ogle				171	325.1	318.0	3,551.0	3,876.1
Peoria				966	1,636.0	240.0	9,622.0	11,258.0
Perry				1,529	2,230.2	251.0	424.0	2,654.2
Piatt				83	175.6	206.0	540.0	715.6
Pike				2,057	2,820.0	369.0	11,977.0	14,797.0
Pope				1,108	972.5	229.0	5,686.0	6,658.5
Pulaski				852	665.5	112.0	4,744.0	5,409.5
Putnam				113	7,254.1	0.99	1,363.0	8,617.1
Randolph				1,350	3,115.8	265.0	8,278.0	11,393.8
Richland				949	1,947.5	170.0	383.0	2,330.5
Rock Island				335	833.3	181.0	14,359.0	15,192.3
Saline				1,280	2,395.5	122.0	242.0	2,637.5
Sangamon				1,039	5,598.8	428.0	1,611.0	7,209.8
Schuyler				1,052	1,513.1	178.0	1,878.0	3,391.1
Scott				450	623.6	151.0	1,271.0	1,894.6
Shelby		-	5,550.0	715	942.8	316.0	729.0	7,221.8
Stark				94	190.4	146.0	499.0	689.4
St. Clair				1,567	3,882.4	319.0	2,608.0	6,490.4
Stephenson				145	288.9	292.0	1,319.0	1,607.9
Tazewell				490	4,169.6	316.0	2,418.0	6,587.6

TABLE 6. Continued.

	LAKE MICHIGAN RESERVOIRS IMPOUNDMENTS STREAMS	RESER	RESERVOIRS	IMPOUNDMENTS	AENTS	STREAMS		T T T
COUNTY	Acres	Š	Acres	-	1	Miles	1	ACRES
Union				2,186	ii	212.0	ii	6,279.9
Vermilion				268	1,900.3	423.0	2,100.0	4,000.3
Wabash				512	353.4	105.0	2,255.0	2,608.4
Warren				341	738.1	265.0	904.0	1,642.1
Washington				1,512	1,788.3	322.0	822.0	2,610.3
Wayne				2,284	1,668.1	350.0	981.0	2,649.1
White				939	997.3	254.0	3,592.0	4,589.3
Whiteside				159	853.2	339.0	8,332.0	9,185.2
Will				1,102	7,065.0	478.0	5,821.0	12,886.0
Williamson				2,076	12,592.7	194.0	432.0	13,024.7
Winnebago				225	1,122.3	256.0	3,031.0	4,153.3
Woodford					1,521.0		6,660.0	8,181.0
State Total	976,640.0 3 54,580.0	ဗ	54,580.0		88,414 256,618.9		26,443.0 325,000.0	1,612,838.9





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DEPOSITORY

JAN 2 4 1997

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAICN

1995 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES



DIVISION OF FISHERIES MAY 1996

FUNDED IN PART THROUGH FEDERAL AID IN SPORT FISH RESTORATION PROJECT F-89-P

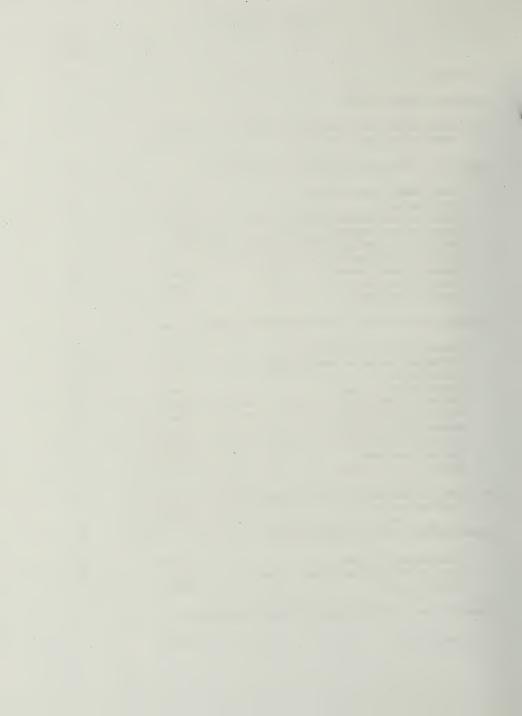
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1995 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES

INTRODUCTION

The first Illinois surface water inventory was published by the Division of Fisheries in February 1964 as Special Fisheries Report Number 1. District biologists collected the data for this first inventory from aerial photographs on file in each county Agricultural Stabilization and Conservation Service office, from interviews with county Soil Conservation Service personnel and from data in their own district files.

The original 1964 survey was updated according to annual new pond construction and published in 1972, 1978, 1982, 1985, 1987, 1989, 1991 and 1993.

This 1995 Inventory of Illinois Surface Water Resources is a supplement to these earlier surveys and serves to update the surface water inventory to include all waters in the state as of December 31, 1995. The basis for this update is the "new impoundment construction data" collected for each county by the district fisheries managers and published annually. At the end of each year, the biologists contact each county Natural Resource Conservation Service office, as well as other agencies, and compile a list of all new impoundments built during the past year for each county. The data collected includes the size of the new impoundment in acres and the ownership classification.

Revisions were made for existing impoundments that have had changes in ownership classification or acreage. Stream miles and acreages were revised significantly in 1989 according to more accurate estimates and again in 1993 to include the Ohio River.

Classification of Surface Waters

Surface waters are permanent, open bodies of water 0.1 acre or larger. They are separated from wetlands by their permanence and by their general lack of emergent woody or graminoid vegetation. There are four subclasses: Lake Michigan, Reservoir, Impoundment, and Stream.

Lake Michigan

Only about 7% of Lake Michigan is within the State of Illinois' jurisdiction and only that portion which is in Illinois is included in this inventory.

Reservoirs

This classification includes only the three Corps of Engineers reservoirs (Carlyle, Rend and Shelbyville).

Impoundments

This classification includes all standing bodies of water (lakes and ponds) constructed by artificial means or formed by nature, except Lake Michigan and the three Corps of Engineers reservoirs. Impoundments are further divided into categories according to ownership as follows:

- State: This category includes all impoundments owned or leased by the Illinois Department of Natural Resources.
- Public: This category includes all impoundments owned or leased by a government agency, other than the Illinois Department of Natural Resources, that have public access.
- 3. Organization: This category includes all impoundments owned or leased by any organization. Included are sportsmen's clubs, scouts, church, civic, fraternal, associations, homeowner groups, country clubs, industrial, institutions, etc.
- Commercial: This category includes all impoundments privately owned or leased for which a fee is charged for fishing. These areas are licensed by the Illinois Department of Natural Resources.
- Private: This category includes all impoundments privately owned or leased which are not operated as organizations or commercial areas.

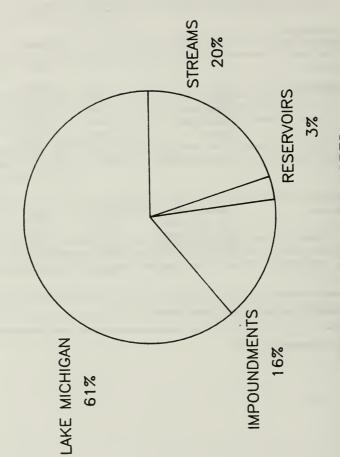
Streams: This classification includes all flowing waters such as canals, creeks and rivers, regardless of ownership or leasing. Streams are further divided into four width categories as measured by their average width in a county. Intermittent streams are not included in the inventory.

TABLE 1. ILLINOIS SURFACE WATER RESOURCES (1995)*
STATEWIDE SUMMARY

Water Type	Category	Number	Acres	Total Acres
Lake Michigan				
(III. portion only)		1	976,640.0	976,640.0
Reservoirs		3	54,580.0	54,580.0
Impoundments:	State	500	39,462.4	
	Public	745	81,554.4	
	Organization	2,051	24,105.0	
	Commercial	508	3,045.7	
	Private	85,496	111,232.6	
	Total	89,300	259,400.1	259,400.1
		Miles		
Streams	5 - 30 ft. wide	20,000	43,200	
Ottourno	31 - 100 ft. wide	3,900	26,200	
	101 - 300 ft. wide	1,030	18,000	
	301 plus ft. wide	1,513	237,600	
	Total	26,443	325,000	325,000.0
GRAND TOTAL SUR	RFACE WATER ACREAGE			1,615,620.1

^{*} As of December 31, 1995

FIG. 1. SURFACE WATER ACREAGE BY WATER TYPE



TOTAL = 1,615,620.1 ACRES

REGIONAL AND COUNTY SUMMARY OF SURFACE WATERS BY WATER TYPE

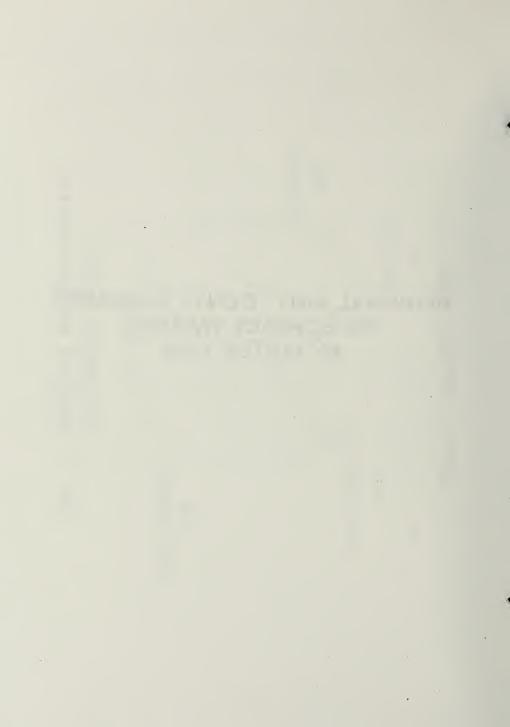
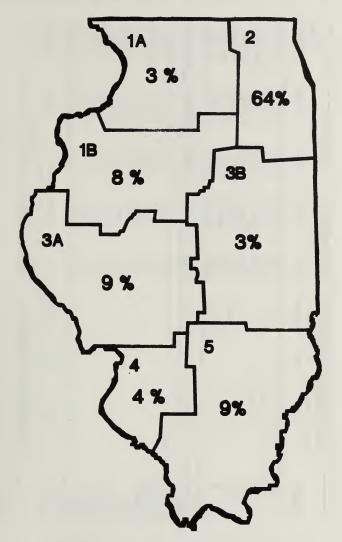


FIG.2. SURFACE WATER ACREAGE BY REGION



TOTAL = 1,615,620.1 ACRES

TABLE 2. Number (or Miles) and Acres of Surface Waters by Water Type (1995).

REGION SUMMARY

	LAKE MICHIGAN RESERVOIRS	RES	ERVOIRS	IMPOUR	IMPOUNDMENTS	STR	STREAMS	
COUNTY	Acres	No.	No. Acres	No.	Acres	Miles	Acres	TOTAL
1-A				1,845	11,146.8	2,438.0	43,680.0	54,826.8
1 <u>-</u> B				10,379	47,691.5	4,337.0	81,830.0	129,521.5
2	976,640.0	i	i	6,450	42,051.5	2,530.0	21,890.0	1,040,581.5
3-A		ı	-	19,105	59,604.2	4,700.0	77,020.0	136,624.2
3-B		_	11,100.0	5,852	20,949.7	4,925.0	16,410.0	48,459.7
4		-	19,780.0	10,678	20,669.4	1,880.0	23,560.0	64,009.4
5		-	23,700.0	34,991	57,287.0	5,633.0	60,610.0	141,597.0
lotal	976,640.0		3 54,580.0	89 300	259.400.1	26 443 0	259.400.1 26.443.0 325.000.0 1.615.620.1	16156201

TABLE 2a. Number (or Miles) and Acres of Surface Waters by Water Type (1995).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

	LAKE MICHIGAN	RESE	RESERVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	
COUNTY	Acres	Š.	Acres	No.	Acres	Miles	Acres	TOTAL
Boone				130	555.5	110.0	321.0	876.5
Carroll				158	4,965.3	244.0	12,514.0	17,479.3
DeKalb				192	638.0	265.0	622.0	1,260.0
JoDaviess				234	1,577.4	324.0	11,702.0	13,279.4
Lee				416	799.9	290.0	2,288.0	3,087.9
Ogle				176	332.2	318.0	3,551.0	3,883.2
Stephenson				148	293.5	292.0	1,319.0	1,612.5
Whiteside				162	855.4	339.0	8,332.0	9,187.4
Winnebago				229	1,129.6	256.0	3,031.0	4,160.6
Total		1	***	1,845	11,146.8	2,438.0	43,680.0	54,826.8

TABLE 2b. Number (or Miles) and Acres of Surface Waters by Water Type (1995).

REGION 1B - COUNTY SUMMARY

REGION 1B (16 Counties)

Acres No.			IMPOUNDMENTS	STREAMS	AMS	4
Bureau Fulton Henderson Henry Knox LaSalle Marshall McDonough Mercer Peoria Putnam Rock Island Stark Tazewell	No. Acres	No.	Acres	Miles	Acres	ACRES
Fulton Henderson Henry Kox Kox LaSalle Marshall McDonough Mercer Peoria Putnam Okt Island Stark Tazewell		271	2,248.4	409.0	2,196.0	4,444.4
Henderson Henry Knox LaSalle Marshall McDonough Mercer Peoria Putnam Rock Island Stark Tazewell Warren		2,763	12,052.4	448.0	3,518.0	15,570.4
Henry Knox LaSalle Marshall McDonough Mercer Peoria Putnam Rock Island Stark Tazewell Warren		312	1,051.9	191.0	21,388.0	22,439.9
Knox LaSalle Marshall McConough McCoria Peoria Putnam Rock Island Stark Tazewell Warren		448	961.0	267.0	857.0	1,818.0
LaSalle Marshall McDonough McConough Mercer Peoria Putnam Rock Island Stark Tazewell		1,662	2,831.0	312.0	1,175.0	4,006.0
Marshall McDonough Mercer Mercer Peoria Putnam Rock Island Stark Tazewell Warren		670	3,602.7	449.0	6,731.0	10,333.7
McDonough Mercer Peoria Putnam Rock Island Stark Tazewell Warren		160	6,159.2	192.0	2,705.0	8,864.2
Mercer Peoria Putnam Rock Island Stark Tazewell		646	815.3	307.0	584.0	1,399.3
Peoria Putnam Rock Island Stark Tazewell Warren		601	1,520.0	275.0	6,851.0	8,371.0
Putnam Rock Island Stark Tazewell		1,011	1,661.0	240.0	9,622.0	11,283.0
Rock Island Stark Tazewell Warren		114	7,255.6	0.99	1,363.0	8,618.6
Stark Tazewell Warren		346	850.9	181.0	14,359.0	15,209.9
Tazewell Warren		94	190.4	146.0	499.0	689.4
Warren		503	4,222.7	316.0	2,418.0	6,640.7
:		347	745.7	265.0	904.0	1,649.7
Woodford		431	1,523.3	273.0	0.099,9	8,183.3
		10 270	47 E01 E	4 227 0	0 0 0 0 0 0	420 E24 E

TABLE 2c. Number (or Miles) and Acres of Surface Waters by Water Type (1995).

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

	LAKE MICHIGAN RESERVOIRS	RESE	RVOIRS	IMPOUN	MPOUNDMENTS	STREAMS	AMS	
COUNTY	Acres	Š Š	Acres	No.	Acres	Miles	Acres	TOTAL
Cook	429,722.0			1,320	7,858.4	421.0	3,479.0	441,059.4
DuPage				643	1,558.6	150.0	695.0	2,253.6
Grundy				439	4,433.4	259.0	3,519.0	7,952.4
Kane				558	983.5	291.0	1,622.0	2,605.5
Kankakee				168	556.0	282.0	3,033.0	3,589.0
Kendall				193	319.5	160.0	1,199.0	1,518.5
Lake	546,918.0			1,163	14,739.0	188.0	1,093.0	562,750.0
McHenry				842	4,507.8	301.0	1,429.0	5,936.8
Will				1,124	7,095.3	478.0	5,821.0	12,916.3
Total	976,640.0	1		6,450	42,051.5	42,051.5 2,530.0		21,890.0 1,040,581.5

TABLE 2d. Number (or Miles) and Acres of Surface Waters by Water Type (1995).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

	LAKE MICHIGAN RESERVOIRS	RESE	RVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	TOTAL
Adams				2,557	2,684.9	396.0	7,344.0	10,028.9
Brown				1,074	1,104.4	180.0	1,263.0	2,367.4
Calhoun				562	4,226.8	105.0	20,838.0	25,064.8
Cass				518	4,534.4	163.0	1,650.0	6,184.4
Christian				382	4,460.5	320.0	1,103.0	5,563.5
Greene				1,295	1,178.9	274.0	2,683.0	3,861.9
Hancock				1,249	803.5	437.0	12,899.0	13,702.5
Jersey				1,025	2,196.6	172.0	5,982.0	8,178.6
Logan				191	450.5	225.0	877.0	1,327.5
Macoupin				2,809	4,471.1	441.0	758.0	5,229.1
Mason				319	14,246.9	159.0	2,360.0	16,606.9
Menard				364	622.2	126.0	828.0	1,450.2
Montgomery				1,152	4,993.2	321.0	785.0	5,778.2
Morgan				915	2,911.5	255.0	913.0	3,824.5
Pike				2,110	2,925.1	369.0	11,977.0	14,902.1
Sangamon				1,062	5,632.7	428.0	1,611.0	7,243.7
Schuyler				1,068	1,536.4	178.0	1,878.0	3,414.4
Scott				453	624.6	151.0	1,271.0	1,895.6
		,			-			
Total		1	-	19,105	59,604.2	4,700.0	77,020.0	136,624.2

TABLE 2e. Number (or Miles) and Acres of Surface Waters by Water Type (1995).

REGION 3B - COUNTY SUMMARY

REGION 3B (16 Counties)

COUNTY	LANE MICHIGAIN RESERVOIRS	אבטנ	SAIOVA	MFOUN	IMPOUNDMENTS	STREAMS	AMS	1
	Acres	Š.	Acres	No.	Acres	Miles	Acres	ACRES
Champaign				155	609.1	475.0	1,664.0	2,273.1
Clark				1,163	1,761.1	269.0	874.0	2,635.1
Coles				303	940.2	240.0	833.0	1,773.2
Cumberland				839	749.1	181.0	514.0	1,263.1
DeWitt				224	5,134.7	174.0	430.0	5,564.7
Douglas				166	300.0	194.0	605.0	905.0
Edgar				250	469.2	287.0	406.0	875.2
Ford				94	202.9	174.0	616.0	818.9
Iroquois				142	545.5	579.0	2,539.0	3,084.5
Livingston				399	770.2	527.0	2,515.0	3,285.2
Macon				204	3,392.3	246.0	780.0	4,172.3
McLean				589	2,563.1	466.0	1,007.0	3,570.1
Moultrie		I	5,550.0	249	246.6	168.0	258.0	6,054.6
Piatt				83	175.6	206.0	540.0	715.6
Shelby		-	5,550.0	723	948.7	316.0	729.0	7,227.7
Vermilion				269	2,141.4	423.0	2,100.0	4,241.4
Total	1 11,100.0	-	11.100.0	5.852	20.949.7	4.925.0	16.410.0	48.459 7

TABLE 2f. Number (or Miles) and Acres of Surface Waters by Water Type (1995).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

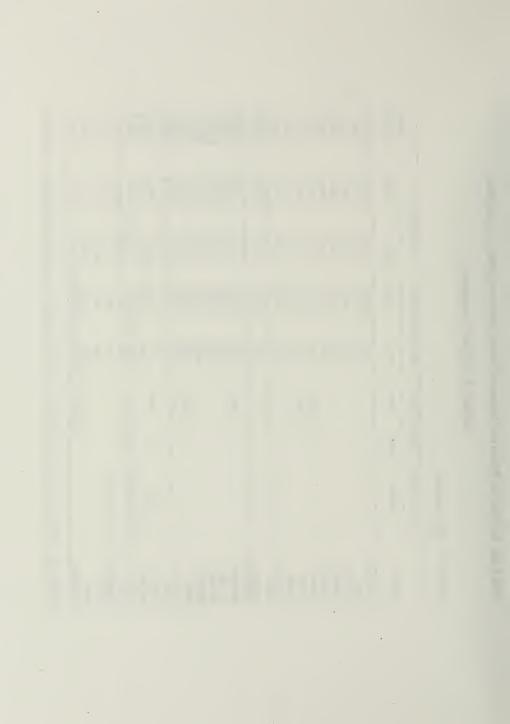
	LAKE MICHIGAN	RESI	RESERVOIRS	IMPOUNI	IMPOUNDMENTS	STREAMS	MS	18202
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES
			850.0	1 348	2.137.3	204.0	457.0	3,444.3
Bond		`	18 930.0	876	876.4	201.0	1,257.0	21,063.4
Clinton		-	0.000,01	2 2 5 9	6 728 4	347.0	4,041.0	10,769.4
Madison				1 644	2,055.7	222.0	6,097.0	8,152.7
Monroe				1.354	3 121.6	265.0	8,278.0	11,399.6
Randolph				1.578	3 943.2	319.0	2,608.0	6,551.2
St. Clair				1,517	1,806.8	322.0	822.0	2,628.8
Wasimigron								
To to		-	1 19.780.0	10,678	20,669.4	1,880.0	23,560.0	64,009.4
Iotal		1		н				

TABLE 2g. Number (or Miles) and Acres of Surface Waters by Water Type (1995).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

	LAKE MICHIGAN	RESI	RESERVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	TOTAL
Alexander				406	2,343.7	118.0	9,880.0	12,223.7
Clay				1,148	866.7	308.0	777.0	1,643.7
Crawford				1,321	997.6	263.0	1,362.0	2,359.6
Edwards				814	503.8	143.0	336.0	839.8
Effingham				1,053	1,322.4	238.0	515.0	1,837.4
Fayette		ł	4,800.0	1,298	1,860.4	367.0	1,255.0	7,915.4
Franklin		-	10,800.0	1,716	2,317.2	162.0	599.0	13,716.2
Gallatin				462	656.3	144.0	4,197.0	4,853.3
Hamilton				1,649	976.2	184.0	410.0	1,386.2
Hardin				556	469.9	123.0	4,763.0	5,232.9
Jackson				1,573	5,089.1	340.0	4,172.0	9,261.1
Jasper				1,313	2,652.4	253.0	930.0	3,582.4
Jefferson		1	8,100.0	2,366	1,616.1	182.0	309.0	10,025.1
Johnson				1,912	3,063.6	174.0	524.0	3,587.6
Lawrence				797	716.0	202.0	1,517.0	2,233.0
Marion				1,829	3,169.3	314.0	530.0	3,699.3
Massac				966	1,360.9	119.0	6,819.0	8,179.9
Perry				1,544	2,255.0	251.0	424.0	2,679.0
Pope				1,115	976.3	229.0	5,686.0	6,662.3
Pulaski				855	671.5	112.0	4,744.0	5,415.5
Richland				962	1,964.3	170.0	383.0	2,347.3
Saline				1,288	2,398.4	122.0	242.0	2,640.4
Union				2,208	3,357.4	212.0	2,976.0	6,333.4
Wabash				517	355.3	105.0	2,255.0	2,610.3
Wayne				2,293	1,714.2	350.0	981.0	2,695.2
White				939	997.3	254.0	3,592.0	4,589.3
Williamson				2,092	12,615.7	194.0	432.0	13,047.7
Total		-	1 23 700 0	34 991	57 287 0	5 633 0	60 610 0	141 597 0
1000		l	200		2112	2000	20,00	2,700,11



REGIONAL AND COUNTY SUMMARY OF IMPOUNDMENTS BY OWNERSHIP CATEGORY

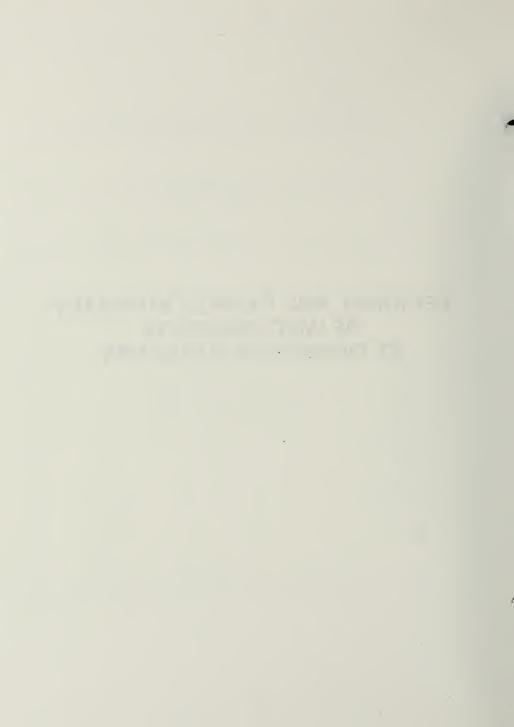
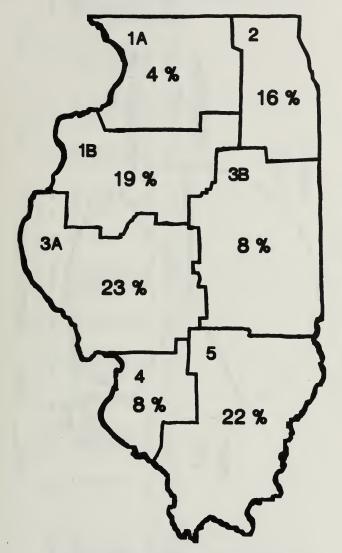
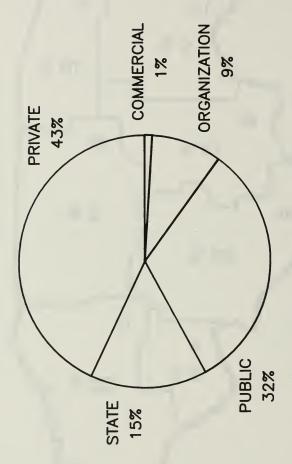


FIG.3. IMPOUNDMENT ACREAGE BY REGION



TOTAL = 259,400.1 ACRES

FIG. 4. IMPOUNDMENT ACREAGE BY OWNERSHIP CATEGORY



TOTAL = 259,400.1 ACRES

TABLE 3. Number and Acres of Impoundments by Ownership Category (1995).

REGION SUMMARY

		State	۵	Public	Organ	Organization	Com	Commercial	_	Private	_	Total
County	No.	Acres	Š	Acres	S.	Acres	S. O.	Acres	No.	Acres	No.	Acres
1-A	14	-	33	4,938.3	59	-	22	218.1	1717	2 997 1	1 845	11 146 8
1-B	61	12,941.1	23	9,222.3	405		64	645.7	9.796	20,788.6	10.379	47 691 5
2	234		334	14,161.8	938		91	376.3	4.853	11,418.3	6 450	42 051 5
3-A	26		102	23,120.9	150		97	591.7	18,730	27,980,9	19,105	59 604 2
3-B	48		86	8,684.6	189		37	170.5	5.492	5.306.2	5.852	20.949.7
4	9		30	1,655.9	187		122	707.4	10,333	14.019.2	10,678	20,669.4
5	111	6,553.7	107	19,770.6	123	1,904.4	75	336.0	34,575	28,722.3	34,991	57,287.0
Total	200	39 462 4	745	81 554 4 2 051	2 051	24 105 0	508	3.045.7		85 496 111 232 B	_	,

TABLE 3a. Number and Acres of Impoundments by Ownership Category (1995).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

	S	State	J.	Public	Organ	Organization	Com	Commercial	Pri	Private	Ţ	Total
County	Š	Acres	Š.	Acres	No.	Acres	O	Acres	No.	Acres	No.	Acres
Boone	0	0.0	2	2.4	9	425.6	-	1.0	121	126.5	130	555.5
Carroll	-	1.0	4	3,970.0	-	0.009	-	8.6	151	385.7	158	4,965.3
DeKalb	2	325.7	က	8.3	ω	28.0	2	38.7	174	237.3	192	638.0
JoDaviess	0	0.0	4	503.0	თ	621.0	0	0.0	227	453.4	234	1,577.4
ee	0	0.0	0	0.0	2	88.5	9	57.4	405	654.0	416	799.9
Ogle	0	0.0	2	2.0	ω	83.0	2	24.0	164	223.2	176	332.2
Stephenson	-	43.4	4	19.0	2	10.0	0	0.0	141	221.1	148	293.5
Whiteside	9	107.6	4	367.5	4	41.5	က	16.0	145	322.8	162	855.4
Winnebago	4	209.9	우	66.1	22	408.1	4	72.4	189	373.1	229	1,129.6
Fotal	14	687.6	33	33 4,938.3	59	2,305.7	22	218.1	1,717	2,997.1	1,845	11,146.8

TABLE 3b. Number and Acres of Impoundments by Ownership Category (1995).

REGION 1B - COUNTY SUMMARY

REGION 1B (16 Counties)

		State	Pu	Public	Organ	Organization	Com	Commercial	٩	Private	J.	Total
County	Š.	Acres	Š.	Acres	Š	Acres	Š	Acres	Š	Acres	No.	Acres
Sureau	4	564.0	-	724.5	16	223.2	0	0.0	250	736.7	271	2 248 4
Fulton	2	2,746.8	7	295.4	132	773.1	18	523.1	2,604	7,714.0	2.763	12,052.4
Henderson	_	27.0	7	144.7	-	375.0	0	0.0	308	505.2	312	1.051.9
lenry	∞	67.5	2	6.5	45	212.7	0	0.0	393	674.3	448	961.0
Cnox	9	296.1	7	134.3	116	585.1	-	19.5	1,513	1,796.0	1,662	2,831.0
aSalle	-	2,058.0	က	78.2	13	397.2	4	11.0	649	1,058.3	670	3,602.7
Aarshall	က	3,869.0	0	0.0	2	254.5	0	0.0	152	2,035.7	160	6,159.2
AcDonough	_	95.1	4	285.9	က	7.3	က	5.0	635	422.0	646	815.3
Nercer	0	0.0	က	627.0	က	190.0	4	38.0	591	665.0	601	1,520.0
eoria	0	0.0	2	35.1	56	155.7	9	7.7	974	1,462.5	1,011	1,661.0
utnam	-	55.0	2	6,615.5	4	130.5	4	9.0	100	453.8	114	7,255.6
Sock Island	0	0.0	2	171.4	-	55.0	ω	12.4	332	612.1	346	850.9
stark	0	0.0	0	0.0	_	25.0	0	0.0	93	165.4	94	190.4
azewell a	6	3,162.0	10	59.1	9	352.2	7	15.4	447	634.0	503	4,222.7
Varren	-	9.0	က	14.7	က	322.9	0	0.0	340	407.5	347	745.7
Voodford	0	0.0	-	30.0	9	34.4	6	12.8	415	1,446.1	431	1,523.3
Total	2	12 041 1	53	0 222 3	405	4 002 0	70	646 7	902.0	2007.00	40.070	2.7.4
Iotal	0	12,341.1	20	9,222.5	405	4,093.8	9	645.7	9,796	50,788.6	10,379	47,691.5

TABLE 3c. Number and Acres of Impoundments by Ownership Category (1995).

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

	0,	State	Pu	Public	Organ	Organization	Com	Commercial	- P	Private	To	Total
County	Š	No. Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Cook	5	406.2	138	4,660.8	293	1,262.2	=	36.5	873	1,492.7	1,320	7,858.4
DuPage	0	0.0	90	6020	164	500.9	6	13.1	380	436.7	643	1,558.6
Grundy	198	2,262.1	0	0.0	90	856.1	7	0.09	149	1,255.2	439	4,433.4
Kane	0	0.0	15	135.9	63	279.8	44	36.2	436	531.6	558	983.5
Kankakee	0	0.0	က	11.3	1	138.6	2	27.5	149	378.6	168	556.0
Kendall	10	31.9	4	13.9	12	48.8	0	0.0	167	224.9	193	319.5
Lake	17	280.7	22	7,057.8	123	4,541.3	4	28.6	962	2,830.6	1,163	14,739.0
McHenry	-	47.0	15	1,310.9	34	2,042.5	10	22.6	782	1,084.8	842	4,507.8
Will	က	2,398.3	12	363.3	148	998.7	9	151.8	955	3,183.2	1,124	7,095.3
Total	234	5,426.2	334	334 14,161.8	938	10,668.9	91	376.3	4,853	11,418.3	6,450	42,051.5

TABLE 3d. Number and Acres of Impoundments by Ownership Category (1995).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

		State	-	Public	Organ	Organization	Com	Commercial	ď	Private	Total	tal
County	Š.	Acres	Š.	Acres	Š.	Acres	Š	Acres	No.	Acres	No.	Acres
Adams	-	58.0	7	30.6	9	94.0	2	98.5	2.534	2.403.8	2.557	2.684.9
Brown	0	0.0	-	26.1	0	0.0	က	4.5	1,070	1,073.8	1,074	1.104.4
Calhoun	0	0.0	9	2,943.1	18	638.4	0	0.0	534	645.3	562	4,226.8
Cass	0	0.009	7	627.0	Ξ	32.0	7	4.0	503	3,271.4	518	4,534.4
Christian	က	2,551.1	9	1,403.1	2	70.0	7	73.4	357	362.9	382	4,460.5
Greene	0	0.0	2	103.7	ω	18.5	7	7.7	1,280	1,049.0	1,295	1,178.9
Hancock	-	12.6	2	78.0	-	0.3	2	20.0	1,240	662.6	1,249	803.5
Jersey	0	0.0	ω	1,369.1	4	34.8	15	59.8	866	732.9	1,025	2,196.6
Logan	0	0.0	0	0.0	7	121.8	9	81.9	174	246.8	191	450.5
Macoupin	-	9.99	14	1,439.6	56	403.4	23	121.7	2,745	2,449.8	2,809	4,471.1
Mason	17	1,103.3	2	5,947.5	2	52.9	-	0.5	294	7,142.7	319	14,246.9
Menard	0	0.0	က	2.2	14	250.2	0	0.0	347	369.8	364	622.2
Montgomery	-	1,102.0	9	2,740.3	10	50.3	9	12.0	1,129	1,088.6	1,152	4,993.2
Morgan	0	0.0	7	1,857.5	∞	166.8	7	4.7	868	882.5	915	2,911.5
Pike	0	0.0	9	262.6	7	34.6	4	42.0	2,098	2,585.9	2,110	2,925.1
Sangamon	-	150.5	12	4,286.7	17	89.1	15	31.0	1,017	1,075.4	1,062	5,632.7
Schuyler	_	3.8	-	3.8	2	19.7	0	0.0	1,064	1,509.1	1,068	1,536.4
Scott	0	0.0	0	0.0	5	196.0	0	0.0	448	428.6	453	624.6
Total	26	5,637.9	102	23,120.9	150	2,272.8	97	591.7	18,730	27,980.9	19,105	59,604.2

TABLE 3e. Number and Acres of Impoundments by Ownership Category (1995).

REGION 3B - COUNTY SUMMARY

REGION 3B (16 Counties)

		State	Pu	Public	Organ	Organization	Com	Commercial	Pr	Private	O_	Total
County	No.	Acres	Š.	Acres	S O	Acres	Š.	Acres	No.	Acres	No.	Acres
Champaign	-	0.8	10	255.9	20	125.4	2	22.0	119	205.0	155	609.1
Clark	-	145.6	က	815.1	7	19.6	0	0.0	1,152	780.8	1,163	1,761.1
Coles	2	14.4	2	627.0	œ	14.2	0	0.0	288	284.6	303	940.2
Cumberland	0	0.0	က	340.2	4	16.2	_	4.0	831	388.7	839	749.1
DeWitt	2	4,924.4	4	14.5	9	19.7	က	2.0	205	171.1	224	5,134.7
Douglas	_	58.7	0	0.0	က	46.3	0	0.0	162	195.0	166	300.0
Edgar	0	0.0	2	219.5	က	9.0	0	0.0	245	240.7	250	469.2
Ford	0	0.0	0	0.0	2	30.0	_	2.0	88	167.9	94	202.9
Iroquois	0	0.0	-	1.0	10	270.3	4	41.0	127	233.2	142	545.5
Livingston	0	0.0	က	9.1	4	8.0	2	21.6	387	731.5	399	770.2
Macon	0	0.0	9	3,101.2	2	16.2	_	1.0	192	273.9	204	3,392.3
McLean	_	158.0	2	1,587.7	15	94.9	ω	52.3	260	670.2	589	2,563.1
Moultrie	2	4.5	22	42.3	10	26.4	0	0.0	212	173.4	249	246.6
Piatt	0	0.0	7	24.1	က	2.5	_	1.3	72	147.7	83	175.6
Shelby	4	3.7	2	523.3	2	23.7	4	6.3	705	391.7	723	948.7
Vermilion	31	184.5	9	1,123.7	77	571.4	4	11.0	147	250.8	269	2,141.4
Total	48	5,494.6	86	8,684.6	189	1,293.8	37	170.5	5,492	5,306.2	5,852	20,949.7

TABLE 3f. Number and Acres of Impoundments by Ownership Category (1995).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

					1		•		2			-
	,	State	2	Public	Organ	Organization	E S	Commercial	Ì	rivate	-	נמו
Sounty	Š	No. Acres	Š.	Acres	Š.	Acres No. Acres	Š.	Acres	No.	Acres	No.	Acres
	c		6	800.1	-	48 1	80	67.5	1,331	1,221.6	1,348	2,137.3
puo	o 0	9 6	۱ د		. 6	34.5	-	4.5	965	837.4	978	876.4
Clinton	> (0.0	o c	0.00	7 4	848 1	. 90	108.0	2.178	5.188.8	2,259	6,728.4
ladison	Э (0.0	n •	203.3	2 5	176.8	2 6	018	1.561	1.751.0	1.644	2,055.7
fonroe	0	0.0	4	40.9	94	0.07	3	5	0 0		7 30 7	0 404 6
halopan	~	1 351 3	6	94.5	o	9'29	თ	105.0	1,330	1,503.2	1,354	3,121,0
aridoipii	0	2,7	0	56.2	og o	356 7	40	280.5	1,469	2,127.8	1,578	3,943.
t. Clair	7	1,122.0	Э.	2 1	3 '		. 0	0 00	1 400	1 389 4	1.517	1.806.
Vashington	-	248.0	4	74.1	S	33.0	0	600.9	000	1.000,1		
			6		707	4 565 6	122	707	10 333	14 019 2	10.678	20,669.4
Lotal	ဖ	2,721.3	30	1,655.9	/0	0.000.1	77	ı				

TABLE 3g. Number and Acres of Impoundments by Ownership Category (1995).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

	U)	State	4	Public	Organ	Organization	Com	Commercial	۵	Private	1 0	Total
County	No.	Acres	Š	Acres	Š	Acres	Š	Acres	Š.	Acres	Š.	Acres
	,	4 000	c	40.0	-	0,7	•	r	007		007	1000
Alexander	-	1,890.0	7	12.6	-	18.8	2	7.5	400	414.8	406	2,343.7
Clay	0	0.0	7	11.4	9	116.4	0	0.0	1,140	738.9	1,148	866.7
rawford	0	0.0	_	5.5	7	51.3	0	0.0	1,313	940.8	1,321	997.6
Edwards	0	0.0	4	44.2	က	27.4	0	0.0	807	432.2	814	503.8
Effingham	0	0.0	2	0.909	4	15.6	9	43.0	1,041	657.8	1,053	1,322.4
ayette	9	. 52.4	2	761.1	4	25.4	က	22.5	1,280	0.666	1,298	1,860.4
-ranklin	_	0.4	15	805.9	7	164.9	က	42.5	1,690	1,303.5	1,716	2,317.2
allatin	0	0.0	7	49.6	-	10.2	0	0.0	459	596.5	462	656.3
Hamilton	33	85.2	2	78.1	0	0.0	က	10.6	1,611	802.3	1,649	976.2
Hardin	0	0.0	2	15.0	0	0.0	35	30.1	519	424.8	556	469.9
Jackson	7	155.5	က	2,894.1	13	429.8	7	6.5	1,548	1,603.2	1,573	5,089.1
Jasper	က	1,881.0	0	0.0	4	24.5	0	0.0	1,306	746.9	1,313	2,652.4
Jefferson	-	7.7	4	127.2	4	233.5	0	0.0	2,357	1,247.7	2,366	1,616.1
Johnson	7	296.7	က	178.4	7	27.0	-	20.0	1,899	2,511.5	1,912	3,063.6
Iwrence	-	40.0	_	0.6	7	71.5	0	0.0	758	595.5	797	716.0
Marion	9	530.1	7	1,521.8	12	165.6	7	14.0	1,802	937.8	1,829	3,169.3
Massac	-	452.0	0	0.0	4	46.6	0	0.0	066	862.3	995	1,360.9
erry	25	134.7	7	348.0	9	39.3	0	0.0	1,511	1,733.0	1,544	2,255.0
obe	0	0.0	9	307.5	0	0.0	-	8.0	1,108	8.099	1,115	976.3
ılaski	0	0.0	-	4.6	-	3.4	7	30.0	846	633.5	855	671.5
Richland	0	0.0	4	1,326.2	-	1.7	0	0.0	957	636.4	962	1,964.3
aline	-	105.0	13	435.8	4	45.8	2	21.0	1,265	1,790.8	1,288	2,398.4
nion	17	729.0	2	1,025.0	2	5.9	0	0.0	2,184	1,597.5	2,208	3,357.4
Nabash	0	0.0	2	3.9	က	113.8	0	0.0	512	237.6	517	355.3
Wayne	-	194.0	7	14.3	2	51.8	0	0.0	2,285	1,454.1	2,293	1,714.2
White	0	0.0	2	34.8	7	55.9	0	0.0	932	9.906	939	997.3
Villiamson	0	0.0	12	9,150.6	20	158.3	2	50.3	2,055	3,256.5	2,092	12,615.7
lete	14	6 553 7	107	19 770 6	123	1 904 4	75	336.0	34 575	28 722 3	34 991	57 287 0
otal		0,000	2	2,77,00	24	1.100	2	250	21,51	20,122.0	2,50	24,10

NUMBER AND ACRES OF IMPOUNDMENTS BY SIZE CATEGORY

Table 4. Number and Acres of Impoundments by Size Categories (1995)

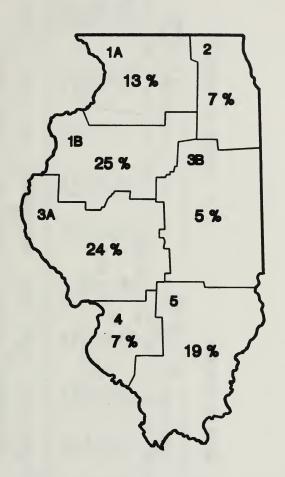
01 02422212	А	rtificial	Na	itural
Size Categories Acres	Number	Total Acreage	Number	Total Acreage
0.1 to 0.4	43,711	9,935.2	1,526	386.9
0.5 to 0.9	20,346	12,865.2	838	581.7
1.0 to 5.9	18,560	35,903.9	1,192	2,995.2
6.0 to 10.9	- 1,174	9,052.0	202	1,639.7
11.0 to 40.9	957	17,821.7	307	6,293.9
41.0 to 100.9	162	9,607.2	90	5,623.9
101.0 to 500.9	. 83	17,314.6	76	15,529.3
501 plus	43	65,798.6	33	48,051.1
TOTAL PERCENT	85,036 95.23%	178,298.4 68.73%	4,264 4.77%	81,101.7 31.27%

COMBINED TOTAL OF ARTIFICIAL AND NATURAL IMPOUNDMENTS

Size Categories Acres	Number	Percent	Acreage	Percent
0.1 to 0.4	45,237	50.66%	10,322.1	3.98%
0.5 to 0.9	21,184	23.72%	13,446.9	5.18%
1.0 to 5.9	19,752	22.12%	38,899.1	15.00%
6.0 to 10.9	1,376	1.54%	10,691.7	4.12%
11.0 to 40.9	1,264	1.42%	24,115.6	9.30%
41.0 to 100.9	252	0.28%	15,231.1	5.87%
101.0 to 500.9	159	0.18%	32,843.9	12.66%
501 plus	76	0.08%	113,849.7	43.89%
TOTAL	89,300	100.00%	259,400.1	100.00%
Ponds (0.1 to 5.9 acres)	86,173	96.50%	62,668.1	24.16%
Lakes (6.0 acres plus)	3,127	3.50%	196,732.0	75.84%

REGIONAL SUMMARY OF STREAMS BY WIDTH CATEGORY

FIG.5. STREAM ACREAGE BY REGION



TOTAL = 325,000 ACRES

FIG. 6. MILES AND ACRES OF STREAMS BY WIDTH CATEGORY

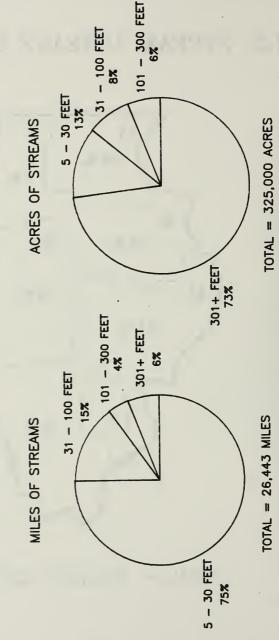


TABLE 5. Miles and Acres of Streams by Width Categories (1995)

REGION SUMMARY

	5-30 ft	5-30 ft. wide	31-100 ft. wide	ft. wide	101-300 ft. wide	ft. wide	301 plu	301 plus ft. wide	Ĕ	Total
Region	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres
<u>+</u>	1,830	3,790	290	2,150	115	1,670	203	36.070	2.438	43.680
1-B	3,120	7,630	800	5,560	115	1,680	302	096'99	4,337	81,830
7	1,980	5,450	200	1,730	200	4,710	150	10,000	2,530	21,890
3-A	3,410	7,120	805	5,080	165	3,050	320	61,770	4.700	77.020
3-B	3,950	8,700	840	5,570	110	1,610	25	530	4,925	16,410
4	1,370	2,630	285	1,600	115	2,260	110	17,070	1.880	23,560
2	4,340	7,880	089	4,510	210	3,020	403	45,200	5,633	60,610
Total	20,000	43,200	3,900	26,200	1,030	18,000	1,513	237,600	26,443	325,000

ALPHABETICAL LISTING BY COUNTY OF SURFACE WATERS BY WATER TYPES

TABLE 6. Alphabetical Listing by County of Surface Waters, by Water Types (1995)

	LAKE MICHIGAN	RESER	RESERVOIRS	IMPOUNDMENTS	MENTS	STREAMS	AMS	
COUNTY	Acres	No.	Acres	O	Acres	Miles	Acres	TOTAL
Adams Alexander Bond Boone Brown Bureau			850.0	2,557 406 1,348 130 1,074 271	2,684.9 2,343.7 2,137.3 555.5 1,104.4 2,248.4	396.0 118.0 204.0 110.0 180.0	7,344.0 9,880.0 457.0 321.0 1,263.0 2,196.0	10,028.9 12,223.7 3,444.3 876.5 2,367.4 4,444.4
Calhoun Carroll Cass Champaign Christian				562 158 518 155 382 1,163	4,226.8 4,965.3 4,534.4 609.1 4,460.5 1,761.1	105.0 244.0 163.0 475.0 320.0 269.0	20,838.0 12,514.0 1,650.0 1,103.0 874.0	25,064.8 17,479.3 6,184.4 2,273.1 5,563.5
Clay Clinton Coles Cook Crawford Cumberland	429,722.0		18,930.0	1,148 978 303 1,320 1,321 839	866.7 876.4 940.2 7,858.4 997.6 749.1	308.0 201.0 240.0 421.0 263.0 181.0	777.0 1,257.0 833.0 3,479.0 1,362.0 514.0	1,643.7 21,063.4 1,773.2 441,059.4 2,359.6 1,263.1
DeKalb DeWitt Douglas DuPage Edgar Edwards				192 224 166 643 250 814	638.0 5,134.7 300.0 1,558.6 469.2 503.8	265.0 174.0 194.0 150.0 287.0	622.0 430.0 605.0 695.0 406.0 336.0	1,260.0 5,564.7 905.0 2,253.6 875.2 839.8
Effingham Fayette Ford Franklin Fulton Gallatin		-	4,800.0	1,053 1,298 94 1,716 2,763 462	1,322.4 1,860.4 202.9 2,317.2 12,052.4 656.3	238.0 367.0 174.0 162.0 448.0	515.0 1,255.0 616.0 599.0 3,518.0 4,197.0	1,837.4 7,915.4 818.9 13,716.2 15,570.4 4,853.3

TABLE 6. Continued.

	LAKE MICHIGAN	RESER	RESERVOIRS	IMPOUNDMENTS	MENTS	STREAMS	AMS	
COUNTY	Acres	No.	Acres	Š.	Acres	Miles	Acres	TOTAL
Greene				1.295	1,178.9	274.0	2.683.0	3 861 9
Grundy				439	4,433.4	259.0	3,519.0	7,952.4
Hamilton				1,649	976.2	184.0	410.0	1,386.2
Hancock				1,249	803.5	437.0	12,899.0	13,702.5
Hardin				556	469.9	123.0	4,763.0	5,232.9
Henderson				312	1,051.9	191.0	21,388.0	22,439.9
Henry				448	961.0	267.0	857.0	1,818.0
Iroquois				142	545.5	579.0	2,539.0	3,084.5
Jackson				1,573	5,089.1	340.0	4,172.0	9,261.1
Jasper				1,313	2,652.4	253.0	930.0	3,582.4
Jefferson			8,100.0	2,366	1,616.1	182.0	309.0	10,025.1
Jersey				1,025	2,196.6	172.0	5,982.0	8,178.6
JoDaviess				234	1,577.4	324.0	11,702.0	13,279.4
Johnson				1,912	3,063.6	174.0	524.0	3,587.6
Kane				258	983.5	291.0	1,622.0	2,605.5
Kankakee				168	556.0	282.0	3,033.0	3,589.0
Kendall				193	319.5	160.0	1,199.0	1,518.5
Knox				1,662	2,831.0	312.0	1,175.0	4,006.0
Lake	546,918.0			1.163	14.739.0	188.0	1.093.0	562.750.0
LaSalle				670	3,602.7	449.0	6,731.0	10,333.7
Lawrence				191	716.0	202.0	1,517.0	2,233.0
Lee				416	799.9	290.0	2,288.0	3,087.9
Livingston				399	770.2	527.0	2,515.0	3,285.2
Logan				191	450.5	225.0	877.0	1,327.5
Macon				204	3,392.3	246.0	780.0	4,172.3
Macoupin				2,809	4,471.1	441.0	758.0	5,229.1
Madison				2,259	6,728.4	347.0	4,041.0	10,769.4
Marion				1,829	3,169.3	314.0	530.0	3,699.3
Marshall				160	6,159.2	192.0	2,705.0	8,864.2
Mason				319	14,246.9	159.0	2,360.0	16,606.9

TABLE 6. Continued.

	LAKE MICHIGAN	RESE	RESERVOIRS	IMPOUNDMENTS	MENTS	STREAMS	AMS	
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	TOTAL
Massac				995	1.360.9	1190	68190	8 179 9
McDonough				646	815.3	307.0	584.0	1.399.3
McHenry				842	4,507.8	301.0	1.429.0	5.936.8
McLean				589	2,563.1	466.0	1,007.0	3,570.1
Menard				364	622.2	126.0	828.0	1,450.2
Mercer				601	1,520.0	275.0	6,851.0	8,371.0
Monroe				1,644	2,055.7	222.0	0.760,8	8,152.7
Montgomery				1,152	4,993.2	321.0	785.0	5,778.2
Morgan				915	2,911.5	255.0	913.0	3,824.5
Moultrie			5,550.0	249	246.6	168.0	258.0	6,054.6
Ogle				176	332.2	318.0	3,551.0	3,883.2
Peoria				1,011	1,661.0	240.0	9,622.0	11,283.0
Perry				1,544	2,255.0	251.0	424.0	2.679.0
Piatt				. 83	175.6	206.0	540.0	715.6
Pike				2,110	2,925.1	369.0	11,977.0	14,902.1
Pope				1,115	976.3	229.0	5,686.0	6,662.3
Pulaski				855	671.5	112.0	4,744.0	5,415.5
Putnam				114	7,255.6	0.99	1,363.0	8,618.6
Randolph				1,354	3,121.6	265.0	8,278.0	11,399.6
Richland				396	1,964.3	170.0	383.0	2,347.3
Rock Island				346	850.9	181.0	14,359.0	15,209.9
Saline				1,288	2,398.4	122.0	242.0	2,640.4
Sangamon				1,062	5,632.7	428.0	1,611.0	7,243.7
Schuyler				1,068	1,536.4	178.0	1,878.0	3,414.4
Scott				453	624.6	151.0	1,271.0	1,895.6
Shelby		-	5,550.0	723	948.7	316.0	729.0	7,227.7
Stark				94	190.4	146.0	499.0	689.4
St. Clair				1,578	3,943.2	319.0	2,608.0	6,551.2
Stephenson				148	293.5	292.0	1,319.0	1,612.5
Tazewell				503	4,222.7	316.0	2,418.0	6,640.7

TABLE 6. Continued.

	TOTAL	6,333.4	4,241.4	2,610.3	1,649.7	2,628.8	2,695.2	4 589 3	9.187.4	12,916.3	13,047.7	4,160.6	8,183.3	1,615,620.1
AMS	Acres	2,976.0	2,100.0	2,255.0	904.0	822.0	981.0	3 592 0	8,332.0	5,821.0	432.0	3,031.0	0.099,9	325,000.0
STREAMS	Miles	212.0	423.0	105.0	265.0	322.0	350.0	254.0	339.0	478.0	194.0	256.0	273.0	26,443.0
MPOUNDMENTS	Acres	3,357.4	2,141.4	355.3	745.7	1,806.8	1,714.2	997.3	855.4	7,095.3	12,615.7	1,129.6	1,523.3	259,400.1
IMPOUN	No.	2,208	269	517	347	1,517	2,293	939	162	1,124	2,092	229	431	89,300
RESERVOIRS	Acres													54,580.0
RESER	No.													ю
LAKE MICHIGAN	Acres													976,640.0
	COUNTY	Union	Vermilion	Wabash	Warren	Washington	Wayne	White	Whiteside	Will	Williamson	Winnebago	Woodford	State Total





551.49 In 87 199.7

1997 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES

DEPOSITORY

MAY 2 5 1998

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



DIVISION OF FISHERIES MAY 1998

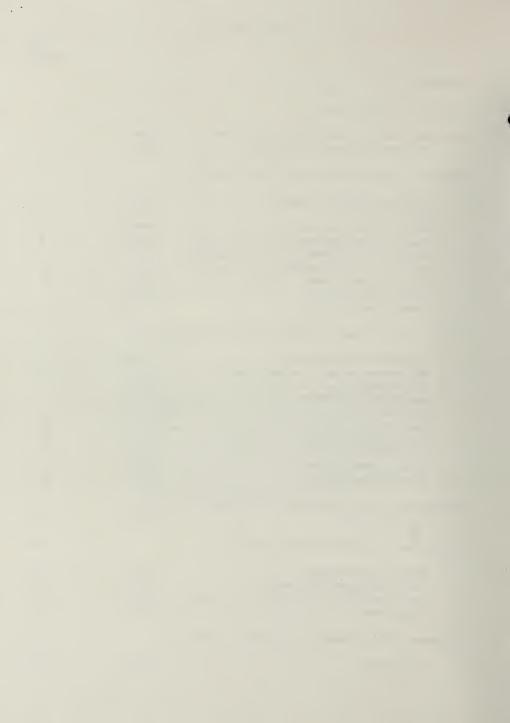
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1997 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES

INTRODUCTION

The first Illinois surface water inventory was published by the Division of Fisheries in February 1964 as Special Fisheries Report Number 1. District biologists collected the data for this first inventory from aerial photographs on file in each county Agricultural Stabilization and Conservation Service office, from interviews with county Soil Conservation Service personnel and from data in their own district files.

The original 1964 inventory was updated according to annual new pond construction and published in 1972, 1978, 1982, 1985, 1987, 1989, 1991, 1993 and 1995.

This 1997 Inventory of Illinois Surface Water Resources is a supplement to these earlier surveys and serves to update the surface water inventory to include all waters in the state as of December 31, 1997. The basis for this update is the "new impoundment construction data" collected for each county by the district fisheries managers and published annually. At the end of each year, the biologists contact each county Natural Resource Conservation Service office, as well as other agencies, and compile a list of all new impoundments built during the past year for each county. The data collected includes the size of the new impoundment in acres and the ownership classification.

Revisions were made for existing impoundments that have had changes in ownership classification or acreage. Stream miles and acreages were revised significantly in 1989 according to more accurate estimates and again in 1993 to include the Ohio River.

Classification of Surface Waters

Surface waters are permanent, open bodies of water 0.1 acre or larger. They are separated from wetlands by their permanence and by their general lack of emergent woody or graminoid vegetation. There are four subclasses: Lake Michigan, Reservoir, Impoundment, and Stream.

Lake Michigan

Only about 7% of Lake Michigan is within the State of Illinois' jurisdiction and only that portion which is in Illinois is included in this inventory.

Reservoirs

This classification includes only the three Corps of Engineers reservoirs (Carlyle, Rend and Shelbyville).

Impoundments

This classification includes all standing bodies of water (lakes and ponds) constructed by artificial means or formed by nature, except Lake Michigan and the three Corps of Engineers reservoirs. Impoundments are further divided into categories according to ownership as follows:

- State: This category includes all impoundments owned or leased by the Illinois Department of Natural Resources.
- Public: This category includes all impoundments owned or leased by a government agency, other than the Illinois Department of Natural Resources, that have public access.
- 3. **Organization:** This category includes all impoundments owned or leased by any organization. Included are sportsmen's clubs, scouts, church, civic, fraternal, associations, homeowner groups, country clubs, industrial, institutions, etc.
- Commercial: This category includes all impoundments privately owned or leased for which a fee is charged for fishing. These areas are licensed by the Illinois Department of Natural Resources.
- 5. **Private:** This category includes all impoundments privately owned or leased which are not operated as organizations or commercial areas.

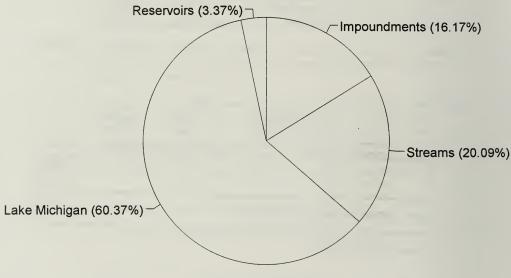
Streams: This classification includes all flowing waters such as canals, creeks and rivers, regardless of ownership or leasing. Streams are further divided into four width categories as measured by their average width in a county. Intermittent streams are not included in the inventory.

TABLE 1. ILLINOIS SURFACE WATER RESOURCES (1997)*
STATEWIDE SUMMARY

Water Type	Category	Number	Acres	Total Acres
Lake Michigan		1	976,640.0	976,640.0
(III. portion only)		•	970,040.0	970,040.0
Reservoirs		3	54,580.0	54,580.0
Impoundments:	State	505	39,505.5	
	Public	752	81,682.1	
	Organization	2,070	24,464.8	
	Commercial	508	3,045.7	
	Private	86,323	112,905.5	
	Total	90,158	261,603.6	261,603.6
		Miles		
Streams	5 - 30 ft. wide	20,000	43,200	
	31 - 100 ft. wide	3,900	26,200	
	101 - 300 ft. wide	1,030	18,000	
	301 plus ft. wide	1,513	237,600	
	Total	26,443	325,000	325,000.0
GRAND TOTAL SUR	RFACE WATER ACREAGE			1,617,823.6

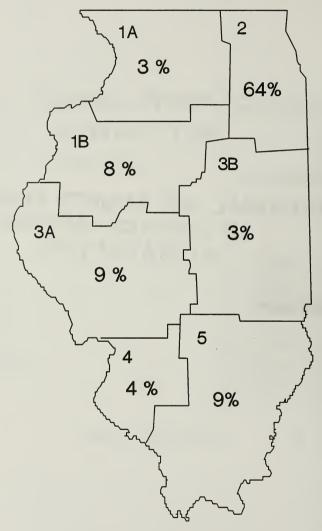
^{*} As of December 31, 1997

Fig. 1. Surface Water Acreage by Water Type



REGIONAL AND COUNTY SUMMARY OF SURFACE WATERS BY WATER TYPE

Fig. 2. Surface Water Acreage by Region



Total = 1,617,823.6 Acres

TABLE 2. Number (or Miles) and Acres of Surface Waters by Water Type (1997).

REGION SUMMARY

	LAKE MICHIGAN		RESERVOIRS	IMPOU	IMPOUNDMENTS	STREAMS	AMS	
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES
1-A		1		1,895	11,341.7	2,438.0	43,680.0	55,021.7
1-8		ŀ	!	10,505	47,978.2	4,337.0	81,830.0	129,808.2
2	976,640.0	i		6,514	42,163.0	2,530.0	21,890.0	1,040,693.0
3-A		1	İ	19,285	60,012.2	4,700.0	77,020.0	137,032.2
3-B		_	11,100.0	5,939	21,315.4	4,925.0	16,410.0	48,825.4
4		_	19,780.0	10,792	20,975.6	1,880.0	23,560.0	64,315.6
5		-	23,700.0	35,228	57,817.5	5,633.0	60,610.0	142,127.5
Total	976,640.0 3 54,580.0	က	54,580.0	90,158	261,603.6 26,443.0	26,443.0	325,000.0	325,000.0 1,617,823.6

TABLE 2a. Number (or Miles) and Acres of Surface Waters by Water Type (1997).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

	LAKE MICHIGAN RESERVOIRS	RESER	VOIRS	IMPOUN	MPOUNDMENTS	STREAMS	AMS	I WE CH
COUNTY	Acres	No.	Acres	S	Acres	Miles	Acres	ACRES
Boone				132	557.5	110.0	321.0	878.5
Carroll				163	4,978.3	244.0	12,514.0	17,492.3
DeKalb				198	657.5	265.0	622.0	1,279.5
JoDaviess				257	1,617.3	324.0	11,702.0	13,319.3
Lee				421	814.2	290.0	2,288.0	3,102.2
Ogle				176	332.2	318.0	3,551.0	3,883.2
Stephenson				150	296.5	292.0	1,319.0	1,615.5
Whiteside				167	874.6	339.0	8,332.0	9,206.6
Winnebago				231	1,213.6	256.0	3,031.0	4,244.6
Total				1,895	11,341.7	2,438.0	43,680.0	55,021.7

TABLE 2b. Number (or Miles) and Acres of Surface Waters by Water Type (1997).

REGION 1B - COUNTY SUMMARY

REGION 1B (16 Counties)

	LAKE MICHIGAN RESERVOIRS	RESE	RVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	I A FOR
COUNTY	Acres	No.	Acres	.No.	Acres	Miles	Acres	ACRES
Bureau				275	2,255.0	409.0	2,196.0	4,451.0
Fulton				2,784	12,094.9	448.0	3,518.0	15,612.9
Henderson				313	1,054.4	191.0	21,388.0	22,442.4
Henry				458	993.8	267.0	857.0	1,850.8
Knox				1,676	2,861.7	312.0	1,175.0	4,036.7
LaSalle				929	3,620.2	449.0	6,731.0	10,351.2
Marshall				168	6,174.9	192.0	2,705.0	8,879.9
McDonough				652	821.0	307.0	584.0	1,405.0
Mercer				809	1,532.4	275.0	6,851.0	8,383.4
Peoria				1,023	1,714.9	240.0	9,622.0	11,336.9
Putnam				117	7,260.9	0.99	1,363.0	8,623.9
Rock Island				360	881.9	181.0	14,359.0	15,240.9
Stark				94	190.4	146.0	499.0	689.4
Tazewell				517	4,245.6	316.0	2,418.0	6,663.6
Warren				350	749.5	265.0	904.0	1,653.5
Woodford				434	1,526.7	273.0	0.099,9	8,186.7
lotal				10,505	47,978.2	4,337.0	81,830.0	129,808.2

TABLE 2c. Number (or Miles) and Acres of Surface Waters by Water Type (1997).

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

	LAKE MICHIGAN RESERVOIRS	RESE	RVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	
COUNTY	Acres	Š.	Acres	No.	Acres	Miles	Acres	TOTAL
Cook	429,722.0			1,327	7,877.3	421.0	3,479.0	441,078.3
DuPage				651	1,577.6	150.0	695.0	2,272.6
Grundy				444	4,448.0	259.0	3,519.0	7,967.0
Kane				569	998.7	291.0	1,622.0	2,620.7
Kankakee				172	559.5	282.0	3,033.0	3,592.5
Kendall				197	323.9	160.0	1,199.0	1,522.9
Lake	546,918.0			1,173	14,747.8	188.0	1,093.0	562,758.8
McHenry				851	4,519.6	301.0	1,429.0	5,948.6
Will				1,130	7,110.6	478.0	5,821.0	12,931.6
Total	976,640.0	1	-	6,514	42,163.0	2,530.0	21,890.0	1,040,693.0

TABLE 2d. Number (or Miles) and Acres of Surface Waters by Water Type (1997).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

	I AKE MICHIGAN		PESERVOIRS	MICOM	IMPOLINIMENTS	CTDEAMS	AMO	
								TOTAL
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES
Adams				2,563	2,693.1	396.0	7,344.0	10,037.1
Brown				1,099	1,134.1	180.0	1,263.0	2,397.1
Calhoun				576	4,352.3	105.0	20,838.0	25,190.3
Cass				528	4,577.7	163.0	1,650.0	6,227.7
Christian				393	4,476.6	320.0	1,103.0	5,579.6
Greene				1,303	1,189.9	274.0	2,683.0	3,872.9
Hancock				1,254	809.3	437.0	12,899.0	13,708.3
Jersey				1,036	2,209.8	172.0	5,982.0	8,191.8
Logan				193	461.5	225.0	877.0	1,338.5
Macoupin				2,821	4,493.4	441.0	758.0	5,251.4
Mason				319	14,246.9	159.0	2,360.0	16,606.9
Menard				375	633.1	126.0	828.0	1,461.1
Montgomery				1,162	5,030.7	321.0	785.0	5,815.7
Morgan				920	2,922.7	255.0	913.0	3,835.7
Pike				2,118	2,940.6	369.0	11,977.0	14,917.6
Sangamon				1,086	5,660.7	428.0	1,611.0	7,271.7
Schuyler				1,082	1,551.1	178.0	1,878.0	3,429.1
Scott				457	628.7	151.0	1,271.0	1,899.7
Total		1		19,285	60,012.2	4,700.0	77,020.0	137,032.2

TABLE 2e. Number (or Miles) and Acres of Surface Waters by Water Type (1997).

REGION 3B - COUNTY SUMMARY

REGION 3B (16 Counties)

	LAKE MICHIGAN	RESE	RESERVOIRS	IMPOUN	IMPOUNDMENTS	STR	STREAMS	TOTAL
COUNTY	Acres	No.	Acres	Š.	Acres	Miles	Acres	ACRES
Champaign				161	795.1	475.0	1,664.0	2,459.1
Clark				1,172	1,781.5	269.0	874.0	2,655.5
Coles				309	926.6	240.0	833.0	1,789.6
Cumberland				848	775.4	181.0	514.0	1,289.4
DeWitt				229	5,145.7	174.0	430.0	5,575.7
Douglas				168	301.8	194.0	605.0	8.906
Edgar				253	472.2	287.0	406.0	878.2
Ford				97	218.7	174.0	616.0	834.7
Iroquois				143	547.5	579.0	2,539.0	3,086.5
Livingston				401	778.7	527.0	2,515.0	3,293.7
Macon				211	3,402.9	246.0	780.0	4,182.9
McLean				597	2,575.5	466.0	1,007.0	3,582.5
Moultrie		ı	5,550.0	250	248.6	168.0	258.0	6,056.6
Piatt				84	177.1	206.0	540.0	717.1
Shelby		-	5,550.0	742	978.1	316.0	729.0	7,257.1
Vermilion				274	2,160.0	423.0	2,100.0	4,260.0
Total		-	11,100.0	5,939	21,315.4	4,925.0	16,410.0	48,825.4

TABLE 2f. Number (or Miles) and Acres of Surface Waters by Water Type (1997).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

	LAKE MICHIGAN	RESI	RESERVOIRS	IMPOUN	MPOUNDMENTS	STREAMS	AMS	TOTAL
COUNTY	Acres	Š	Acres	No.	Acres	Miles	Acres	ACRES
Bond		!	850.0	1,365	2,176.6	204.0	457.0	3,483.6
Clinton		-	18.930.0	989	900.3	201.0	1,257.0	21,087.3
Madison				2.289	6,778.1	347.0	4,041.0	10,819.1
Monroe				1,664	2,122.0	222.0	0.760,8	8,219.0
Pandolph				1,363	3,162.6	265.0	8,278.0	11,440.6
St Clair				1,598	4,001.1	319.0	2,608.0	6,609.1
Washington				1,524	1,834.9	322.0	822.0	2,656.9
								200
Total		-	1 19,780.0 10,792	10,792	20,975.6	20,975.6 1,880.0	23,560.0	04,313.0

TABLE 2g. Number (or Miles) and Acres of Surface Waters by Water Type (1997).

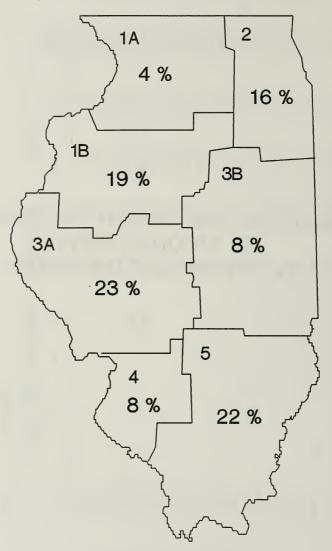
REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

	LAKE MICHIGAN	RES	RESERVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	ACRES
Alexander				406	2,343.7	118.0	9,880.0	12,223.7
Clay				1,155	878.9	308.0	0.777	1,655.9
Crawford				1,337	1,021.9	263.0	1,362.0	2,383.9
Edwards				818	516.3	143.0	336.0	852.3
Effingham				1,060	1,343.4	238.0	515.0	1,858.4
Fayette		l	4,800.0	1,312	1,880.4	367.0	1,255.0	7,935.4
Franklin		-	10,800.0	1,717	2,319.5	162.0	599.0	13,718.5
Gallatin				463	656.5	144.0	4,197.0	4,853.5
Hamilton				1,661	998.2	184.0	410.0	1,408.2
Hardin				564	476.1	123.0	4,763.0	5,239.1
Jackson				1,580	5,100.2	340.0	4,172.0	9,272.2
Jasper				1,318	2,659.1	253.0	930.0	3,589.1
Jefferson		I	8,100.0	2,378	1,640.4	182.0	309.0	10,049.4
Johnson				1,929	3,075.5	174.0	524.0	3,599.5
Lawrence				772	720.7	202.0	1,517.0	2,237.7
Marion				1,866	3,327.0	314.0	530.0	3,857.0
Massac				1,006	1,367.2	119.0	6,819.0	8,186.2
Perry				1,558	2,290.9	251.0	424.0	2,714.9
Pope				1,124	982.9	229.0	5,686.0	6,899,9
Pulaski				862	676.3	112.0	4,744.0	5,420.3
Richland				296	1,978.1	170.0	383.0	2,361.1
Saline				1,294	2,401.7	122.0	242.0	2,643.7
Union				2,224	3,395.4	212.0	2,976.0	6,371.4
Wabash				519	361.9	105.0	2,255.0	2,616.9
Wayne				2,304	1,789.3	350.0	981.0	2,770.3
White				939	997.3	254.0	3,592.0	4,589.3
Williamson				2,095	12,618.7	194.0	432.0	13,050.7
Total		-	23,700.0	35,228	57,817.5	5,633.0	60,610.0	142,127.5

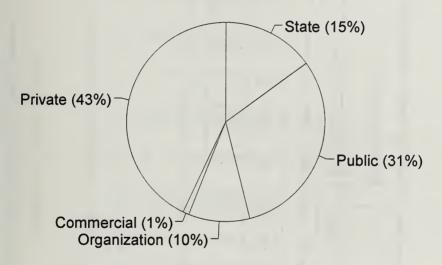
REGIONAL AND COUNTY SUMMARY OF IMPOUNDMENTS BY OWNERSHIP CATEGORY

Fig. 3. Impoundment Acreage by Region



Total = 261,603.6 Acres

Fig. 4. Impoundment Acreage by Ownership Category



Total = 261,603.6 Acres

TABLE 3. Number and Acres of Impoundments by Ownership Category (1997).

REGION SUMMARY

		State	۵	Public	Orga	Organization		Commercial	Ф	Private	Tc	Fotal
County	No.	No. Acres No. Acres	No.	Acres	Š.	No. Acres No. Acres	Š	Acres	No.	Acres	No.	Acres
1-A	15	694.6	34	4,944.3	99	2,388.7	22	218.1	1,764	3,096.0	1,895	11,341.7
1-8	62	12,948.1	53	9,222.3	406	4,094.8	64	645.7	9,920	21,067.3	10,505	47,978.2
2	234	5,426.2	336	14,164.1	940	10,673.1	91	376.3	4,913	11,523.3	6,514	42,163.0
3-A	27	5,662.5	103	23,130.9	159	2,353.9	97	591.7	18,899	28,273.2	19,285	60,012.2
3-B	48	5,494.6	86	8,684.6	195	- 1,484.3	37	170.5	5,573	5,481.4	5,939	21,315.4
4	9	2,721.3	30	1,655.9	187	1,565.6	122	707.4	10,447	14,325.4	10,792	20,975.6
5	113	6,558.2	110	-	123	1,904.4	75	336.0	34,807	29,138.9	35,228	57,817.5
Total	505	39,505.5	752	752 81,682.1 2,070	2,070	24,464.8	508	3,045.7		86.323 112.905.5	90,158	261,603.6

TABLE 3a. Number and Acres of Impoundments by Ownership Category (1997).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

	S	State	Pu	Public	Organ	Organization	Com	Commercial	Pri	Private	ļ ^Ľ	Total
County	Š.	Acres	Š.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Boone	0	0.0	2	2.4	9	425.6	-	1.0	123	128.5	132	557.5
Carroll	-	1.0	4	3,970.0	-	0.009	-	8.6	156	398.7	163	4,978.3
DeKalb	က	332.7	4	14.3	∞	28.0	2	38.7	178	243.8	198	657.5
JoDaviess	0	0.0	4	503.0	က	621.0	0	0.0	250	493.3	257	1,617.3
Lee	0	0.0	0	0.0	2	88.5	9	57.4	410	668.3	421	814.2
Ogle	0	0.0	7	2.0	∞	83.0	7	24.0	164	223.2	176	332.2
Stephenson	-	43.4	4	19.0	7	10.0	0	0.0	143	224.1	150	296.5
Whiteside	9	107.6	4	367.5	4	41.5	က	16.0	150	342.0	167	874.6
Winnebago	4	209.9	9	66.1	23	491.1	4	72.4	190	374.1	231	1,213.6
Total	15	694.6	34	4,944.3	09	2,388.7	22	218.1	1,764	3,096.0	1,895	11,341.7

TABLE 3b. Number and Acres of Impoundments by Ownership Category (1997).

REGION 1B - COUNTY SUMMARY

REGION 1B (16 Counties)

County No.))			•		•	100
Sureau =ulton Henderson Henry		Š	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Fulton Henderson Henry	4 564.0	-	724.5	16	223.2	0	0.0	254	743.3	275	2,255.0
Henderson Henry	2 2,746.8	7	295.4	132	773.1	18	523.1	2,625	7,756.5	2,784	12,094.9
Henry	1 27.0	7	144.7	-	375.0	0	0.0	309	507.7	313	1,054.4
3	8 67.5	7	6.5	45	212.7	0	0.0	403	707.1	458	993.8
YOU	1 303.1	7	134.3	116	585.1	-	19.5	1,526	1,819.7	1,676	2,861.7
-aSalle	1 2,058.0	က	78.2	14	398.2	4	11.0	654	1,074.8	929	3,620.2
Marshall	3 3,869.0	0	0.0	2	254.5	0	0.0	160	2,051.4	168	6,174.9
AcDonough	1 95.1	4	285.9	က	7.3	က	5.0	641	427.7	652	821.0
Mercer	0.0	က	627.0	က	190.0	4	38.0	298	677.4	809	1,532.4
Peoria	0.0 0.0	2	35.1	56	155.7	9	7.7	986	1,516.4	1,023	1,714.9
outnam	1 55.0	2	6,615.5	4	130.5	4	0.8	103	459.1	117	7,260.9
Rock Island	0.0 0.0	2	171.4	-	55.0	80	12.4	346	643.1	360	881.9
Stark	0.0	0	0.0	-	25.0	0	0.0	93	165.4	94	190.4
Tazewell	9 3,162.0	9	59.1	30	352.2	7	15.4	461	626.9	517	4,245.6
Varren	1 0.6	က	14.7	က	322.9	0	0.0	343	411.3	350	749.5
Noodford	0.0 0.0	-	30.0	9	34.4	6	12.8	418	1,449.5	434	1,526.7
Fotal 6	62 12,948.1	53	9,222.3	406	4,094.8	64	645.7	9,920	21,067.3	10,505	47,978.2

TABLE 3c. Number and Acres of Impoundments by Ownership Category (1997).

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

1		State	Pu	Public	Organ	Organization	Com	Commercial	٩	Private	F	Total
)							
County	Š.	Acres	Š	Acres	Š	Acres	è Š	Acres	No.	Acres	No.	Acres
Cook	5	406.2	138	4,660.8	293	1,262.2	1	36.5	880	1.511.6	1.327	7.877.3
DuPage	0	0.0	06	602.9	165	501.4	0	13.1	387	455.2	651	1.577.6
Grundy	198	2,262.1	_	1.3	06	856.1	2	0.09	153	1,268.5	444	4,448.0
Kane	0	0.0	15	135.9	63	279.8	44	36.2	447	546.8	269	998.7
Kankakee	0	0.0	4	12.3	=	138.6	5	27.5	152	381.1	172	559.5
Kendall	9	31.9	4	13.9	12	48.8	0	0.0	171	229.3	197	323.9
Lake	17	280.7	57	7,057.8	124	4,545.0	4	28.6	971	2,835.7	1,173	14,747.8
McHenry	-	47.0	15	1,310.9	34	2,042.5	10	22.6	791	1,096.6	851	4,519.6
Will	က	2,398.3	12	363.3	148	998.7	9	151.8	961	3,198.5	1,130	7,110.6
Total	234	5,426.2	336	336 14,164.1	940	10,673.1	91	376.3	4,913	11,523.3	6,514	42,163.0

TABLE 3d. Number and Acres of Impoundments by Ownership Category (1997).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

		State	Pu	Public	Organ	Organization	Comr	Commercial	ď	Private	To	Total
County	S _o	Acres	Š.	Acres	S	Acres	Š	Acres	No.	Acres	No.	Acres
Adams	-	58.0	_	30.6	9	94.0	5	98.5	2,540	2,412.0	2,563	2,693.1
Srown	0	0.0	-	26.1	0	0.0	က	4.5	1,095	1,103.5	1,099	1,134.1
Salhoun	0	0.0	10	2,943.1	22	703.4	0	0.0	544	705.8	576	4,352.3
Cass	-	624.6	2	627.0	Ξ	32.0	2	4.0	512	3,290.1	528	4,577.7
Christian	က	2,551.1	10	1,403.1	2	70.0	7	73.4	368	379.0	393	4,476.6
Sreene	0	0.0	2	103.7	ω.	18.5	2	7.7	1,288	1,060.0	1,303	1,189.9
Hancock	-	12.6	2	78.0	-	0.3	7	20.0	1,245	668.4	1,254	809.3
lersey	0	0.0	ω	1,369.1	4	34.8	15	29.8	1,009	746.1	1,036	2,209.8
ogan	0	0.0	0	0.0	œ	131.8	10	81.9	175	247.8	193	461.5
Macoupin	_	9.99	15	1,449.6	56	403.4	23	121.7	2,756	2,462.1	2,821	4,493.4
Mason	17	1,103.3	2	5,947.5	2	52.9	-	0.5	294	7,142.7	319	14,246.9
Menard	0	0.0	က	2.2	16	252.9	0	0.0	356	378.0	375	633.1
Montgomery	-	1,102.0	9	2,740.3	9	50.3	9	12.0	1,139	1,126.1	1,162	5,030.7
Morgan	0	0.0	7	1,857.5	ω	166.8	2	4.7	903	893.7	920	2,922.7
Pike	0	0.0	9	262.6	က	35.5	4	42.0	2,105	2,600.5	2,118	2,940.6
Sangamon	-	150.5	12	4,286.7	18	91.6	15	31.0	1,040	1,100.9	1,086	5,660.7
Schuyler	-	3.8	_	3.8	2	19.7	0	0.0	1,078	1,523.8	1,082	1,551.1
Scott	0	0.0	0	0.0	5	196.0	0	0.0	452	432.7	457	628.7
Total	27	5.662.5	103	23,130,9	159	2.353.9	97	591.7	18,899	28.273.2	19.285	60.012.2

TABLE 3e. Number and Acres of Impoundments by Ownership Category (1997).

REGION 3B - COUNTY SUMMARY

REGION 3B (16 Counties)

		State	P	Public	Organ	Organization	Com	Commercial	P	Private	Ĕ	Total
County	Š.	Acres	Š	Acres	Š.	Acres	Š	Acres	No.	Acres	No.	Acres
Champaign	-	0.8	10	255.9	25	310.4	5	22.0	120	206.0	161	795.1
Clark	-	145.6	က	815.1	∞	25.1	0	0.0	1,160	795.7	1,172	1,781.5
Coles	2	14.4	2	627.0	∞	14.2	0	0.0	294	301.0	309	926.6
Cumberland	0	0.0	က	340.2	4	16.2	-	4.0	840	415.0	848	775.4
DeWitt	2	4,924.4	4	14.5	9	19.7	က	5.0	210	182.1	229	5,145.7
Douglas	-	58.7	0	0.0	က	46.3	0	0.0	164	196.8	168	301.8
Edgar	0	0.0	7	219.5	က	0.6	0	0.0	248	243.7	253	472.2
Ford	0	0.0	0	0.0	2	30.0	-	5.0	91	183.7	97	218.7
Iroquois	0	0.0	_	1.0	9	270.3	4	41.0	128	235.2	143	547.5
Livingston	0	0.0	က	9.1	4	8.0	2	21.6	389	740.0	401	778.7
Macon	0	0.0	9	3,101.2	2	16.2	-	1.0	199	284.5	211	3,402.9
McLean	-	158.0	2	1,587.7	15	94.9	∞	52.3	568	682.6	297	2,575.5
Moultrie	2	4.5	22	42.3	9	26.4	0	0.0	213	175.4	250	248.6
Piatt	0	0.0	7	24.1	က	2.5	-	1.3	73	149.2	84	177.1
Shelby	4	3.7	2	523.3	2	23.7	4	6.3	724	421.1	742	978.1
Vermilion	31	184.5	10	1,123.7	77	571.4	4	11.0	152	269.4	274	2,160.0
Total	48	5.494.6	86	8.684.6	195	1.484.3	37	170.5	5.573	5,481.4	5,939	21.315.4
Lotal	2	0,404.0	3	0,004.0	200	0,404,0	5	2.27	0,0,0	3,401.	ļ	1

TABLE 3f. Number and Acres of Impoundments by Ownership Category (1997).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

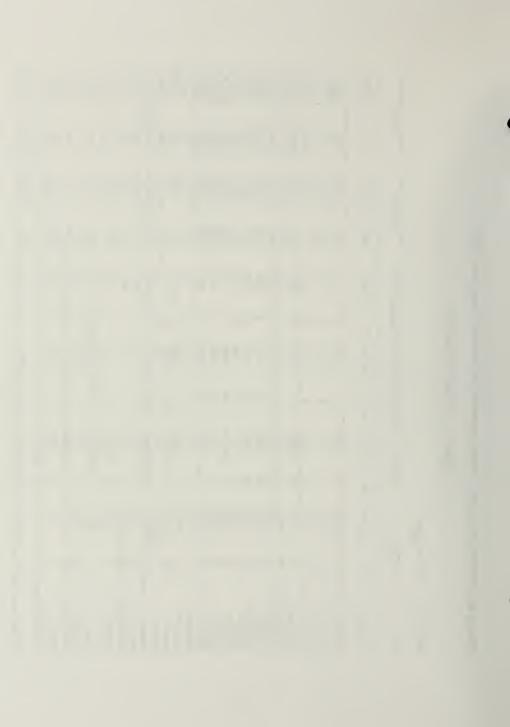
												1
	S	State	Pul	Public	Orgar	Organization	Comr	Commercial	ፚ	Private	Total	a
County	No.	No. Acres	No.	Acres	Š	Acres	No.	Acres	N O	Acres	No.	Acres
Bond Clinton Madison Monroe Randolph St. Clair	000000	0.0 0.0 0.0 1,351.3 1,122.0 248.0	7004884	800.1 0.0 583.5 46.9 94.5 56.2 74.7	7 12 46 49 9 59 59	48.1 34.5 848.1 176.8 67.6 356.7 33.8	8 30 30 8	67.5 4.5 108.0 81.0 105.0 280.5 60.9	1,348 976 2,208 1,581 1,339 1,489 1,506	1,260.9 861.3 5,238.5 1,817.3 1,544.2 2,185.7	1,365 989 2,289 1,664 1,598 1,524	2,176.6 900.3 6,778.1 2,122.0 3,162.6 4,001.1 1,834.9
Total	. 9	2,721.3	30	1,655.9	187	1,565.6	122	707.4	10,447	14,325.4	10,792	20,975.6

TABLE 3g. Number and Acres of Impoundments by Ownership Category (1997).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

	S	State	٩	Public	Organ	Organization	Comi	Commercial	<u> </u>	Private	Total	tal
County	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Alexander	-	1.890.0	2	12.6	-	18.8	2	7.5	400	414.8	406	2.343.7
Clay	0	0.0	2	11.4	9	116.4	0	0.0	1,147	751.1	1,155	878.9
Crawford	0	0.0	7	7.4	7	51.3	0	0.0	1,328	963.2	1,337	1,021.9
Edwards	0	0.0	4	44.2	က	27.4	0	0.0	811	444.7	818	516.3
Effingham	0	0.0	2	0.909	4	15.6	9	43.0	1,048	678.8	1,060	1,343.4
Fayette	9	52.4	2	761.1	4	25.4	က	22.5	1,294	1,019.0	1,312	1,880.4
Franklin	-	0.4	15	805.9	7	164.9	က	42.5	1,691	1,305.8	1,717	2,319.5
Gallatin	0	0.0	7	49.6	-	10.2	0	0.0	460	596.7	463	656.5
Hamilton	33	85.2	က	78.6	0	0.0	က	10.6	1,622	823.8	1,661	998.2
Hardin	0	0.0	7	15.0	0	0.0	35	30.1	527	431.0	564	476.1
Jackson	7	155.5	က	2,894.1	13	429.8	7	6.5	1,555	1,614.3	1,580	5,100.2
Jasper	2	1,885.5	0	0.0	4	24.5	0	0.0	1,309	749.1	1,318	2,659.1
Jefferson	-	7.7	4	127.2	4	233.5	0	0.0	2,369	1,272.0	2,378	1,640.4
Johnson	7	296.7	က	178.4	7	27.0	-	20.0	1,916	2,523.4	1,929	3,075.5
Lawrence	-	40.0	-	0.6	7	71.5	0	0.0	763	600.2	772	720.7
Marion	9	530.1	ထ	1,628.8	12	165.6	7	14.0	1,838	988.5	1,866	3,327.0
Massac	_	452.0	0	0.0	4	46.6	0	0.0	1,001	868.6	1,006	1,367.2
Perry	52	134.7	7	348.0	9	39.3	0	0.0	1,525	1,768.9	1,558	2,290.9
Pope	0	0.0	9	307.5	0	0.0	-	8.0	1,117	667.4	1,124	982.9
Pulaski	0	0.0	_	4.6	-	3.4	7	30.0	853	638.3	862	676.3
Richland	0	0.0	4	1,326.2	_	1.7	0	0.0	962	650.2	296	1,978.1
Saline	-	105.0	13	435.8	4	45.8	2	21.0	1,271	1,794.1	1,294	2,401.7
Union	17	729.0	2	1,025.0	7	5.9	0	0.0	2,200	1,635.5	2,224	3,395.4
Wabash	0	0.0	7	3.9	က	113.8	0	0.0	514	244.2	519	361.9
Wayne	-	194.0	7	14.3	2	51.8	0	0.0	2,296	1,529.2	2,304	1,789.3
White	0	0.0	2	34.8	7	55.9	0	0.0	932	9.906	939	997.3
Williamson	0	0.0	12	9,150.6	20	158.3	5	50.3	2,058	3,259.5	2,095	12,618.7
Total	113	6 558 2	110	110 198800	123	1 904 4	7.5	336.0	34 807	29 138 9	35 228	57 817 5



NUMBER AND ACRES OF IMPOUNDMENTS BY SIZE CATEGORY

Table 4. Number and Acres of Impoundments by Size Categories (1997)

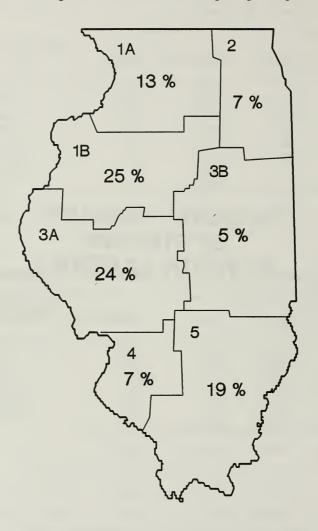
Size Categories	A	rtificial	Na	itural
Size Categories Acres	Number	Total Acreage	Number	Total Acreage
0.1 to 0.4	43,783	9,956.1	1,526	386.9
0.5 to 0.9	20,549	12,993.7	838	581.7
1.0 to 5.9	19,080	36,954.3	1,192	2,995.2
6.0 to 10.9	1,215	9,379.5	202	1,639.7
11.0 to 40.9	976	18,177.9	307	6,293.9
41.0 to 100.9	163	9,690.2	90	5,623.9
101.0 to 500.9	85	17,551.6	76	15,529.3
501 plus	43	65,798.6	33	48,051.1
TOTAL PERCENT	85,894 95.27%	180,501.9 69.00%	4,264 4.73%	81,101.7 31.00%

COMBINED TOTAL OF ARTIFICIAL AND NATURAL IMPOUNDMENTS

Size Categories				-
Acres	Number	Percent	Acreage	Percent
0.1 to 0.4	45,309	50.26%	10,343.0	3.95%
0.5 to 0.9	21,387	23.72%	13,575.4	5.19%
1.0 to 5.9	20,272	22.49%	39,949.5	15.27%
6.0 to 10.9	1,417	1.57%	11,019.2	4.21%
11.0 to 40.9	1,283	1.42%	24,471.8	9.36%
41.0 to 100.9	253	0.28%	15,314.1	5.85%
101.0 to 500.9	161	0.18%	33,080.9	12.65%
501 plus	76	0.08%	113,849.7	43.52%
TOTAL	90,158	100.00%	261,603.6	100.00%
Ponds (0.1 to 5.9 acres)	86,968	96.46%	63,867.9	24.41%
Lakes (6.0 acres plus)	3,190	3.54%	197,735.7	75.59%

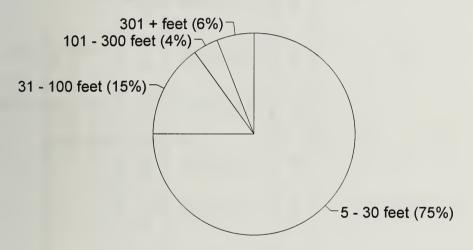
REGIONAL SUMMARY OF STREAMS BY WIDTH CATEGORY

Fig. 5. Stream Acreage by Region



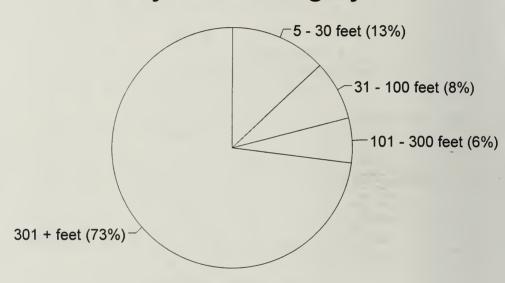
Total = 325,000 Acres

Fig. 6. Miles of Streams by Width Category



Total = 26,443 Miles

Fig. 7. Acres of Streams by Width Category

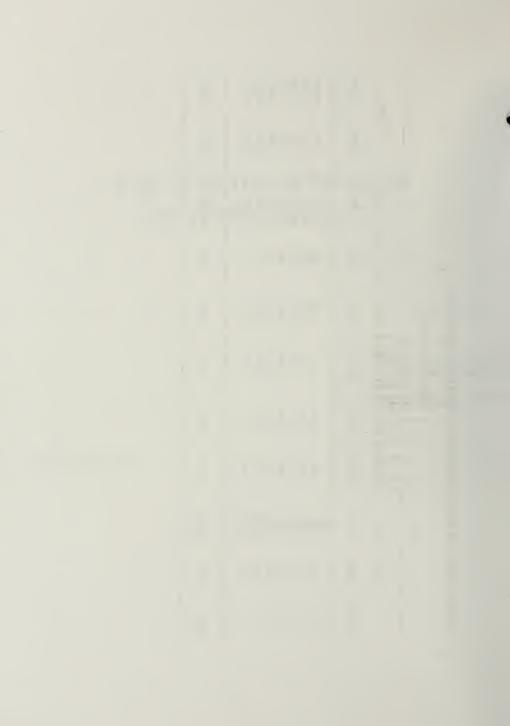


Total = 325,000 Acres

TABLE 5. Miles and Acres of Streams by Width Categories (1997)

REGION SUMMARY

	5-30 ft. wide	. wide	31-100 ft. wide	f. wide	101-300 ft. wide	t. wide	301 plu	301 plus ft. wide	ř	Total
Region	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres
1-A	1,830	3,790	290	2,150	115	1,670	203	36,070	2.438	43.680
1-B	3,120	7,630	800	5,560	115	1,680	302	096'99	4,337	81,830
7	1,980	5,450	200	1,730	200	4,710	150	10,000	2,530	21,890
3-A	3,410	7,120	802	5,080	165	3,050	320	61,770	4,700	77,020
3-B	3,950	8,700	840	5,570	110	1,610	25	530	4,925	16,410
4	1,370	2,630	285	1,600	115	2,260	110	17,070	1,880	23,560
r.	4,340	7,880	089	4,510	210	3,020	403	45,200	5,633	60,610
Total	20,000	43,200	3,900	26,200	1,030	18,000	1,513	237,600	26,443	325,000



ALPHABETICAL LISTING BY COUNTY OF SURFACE WATERS BY WATER TYPES

TABLE 6. Alphabetical Listing by County of Surface Waters, by Water Types (1997)

	LAKE MICHIGAN	RESER	RESERVOIRS	IMPOUNDMENTS	MENTS	STREAMS	AMS	
COUNTY	Acres	Š	Acres	No.	Acres	Miles	Acres	TOTAL
Adams				2,563	2,693.1	396.0	7,344.0	10,037.1
Bond			850.0	1 365	2,343.7	204.0	457.0	3 483 6
Boone				132	557.5	110.0	321.0	878.5
Brown				1,099	1,134.1	180.0	1,263.0	2,397.1
Bureau				275	2,255.0	409.0	2,196.0	4,451.0
Calhoun				929	4,352.3	105.0	20,838.0	25,190.3
Carroll				163	4,978.3	244.0	12,514.0	17,492.3
Cass				528	4,577.7	163.0	1,650.0	6,227.7
Champaign				161	795.1	475.0	1,664.0	2,459.1
Christian				393	4,476.6	320.0	1,103.0	5,579.6
Clark				1,172	1,781.5	269.0	874.0	2,655.5
						;		
Clay				1,155	878.9	308.0	777.0	1,655.9
Clinton		-	1 18,930.0	686	900.3	201.0	1,257.0	21,087.3
Coles	,			309	926.6	240.0	833.0	1,789.6
Cook	429,722.0			1,327	7,877.3	421.0	3,479.0	441,078.3
Crawford				1,337	1,021.9	263.0	1,362.0	2,383.9
Cumperland				848	775.4	181.0	514.0	1,289.4
DeKalb				198	657.5	265.0	622.0	1,279.5
DeWitt				229	5,145.7	174.0	430.0	5,575.7
Douglas				168	301.8	194.0	605.0	8.906
DuPage				651	1,577.6	150.0	695.0	2,272.6
Edgar				253	472.2	287.0	406.0	878.2
Edwards				818	516.3	143.0	336.0	852.3
Effinaham				1 060	1 242 4	0 800	7. 7.	2 8 7 8 7
מוויים לוויים ל			0000	2, 4	1.000	2000	20.00	7,000.1
rayelle			4,000.0	710,1	1,660.4	307.0	1,233.0	4,930.4
Ford		•	0000	/6	218.7	1/4.0	616.0	834.7
Franklin		-	10,800.0	/1/'L	2,319.5	162.0	599.0	13,718.5
Fulton				2,784	12,094.9	448.0	3,518.0	15,612.9
Gallatin				463	6.96.5	144.U	4,197.U	4,853.5

TABLE 6. Continued.

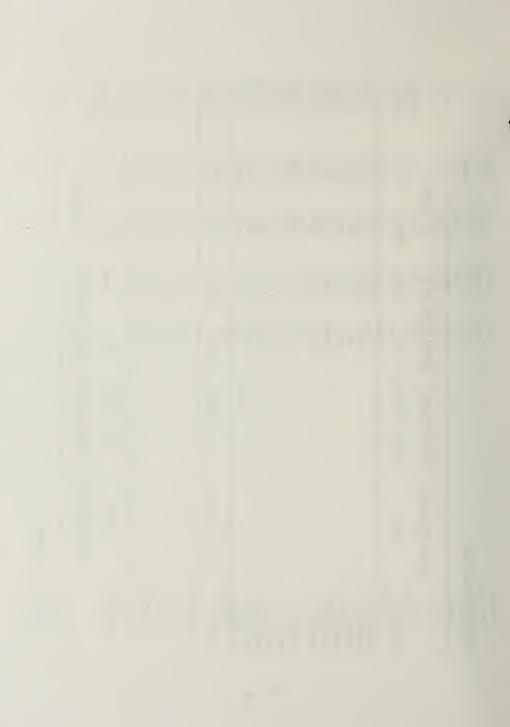
	LAKE MICHIGAN	RESER	RESERVOIRS	IMPOUNDMENTS	MENTS	STREAMS	AMS	
VENINI	0	4		2				TOTAL
NOOS	Acres	2	Acres	2	Acres	Miles	Acres	ACRES
Greene				1,303	1,189.9	274.0	2,683.0	3,872.9
Grundy				444	4,448.0	259.0	3,519.0	7,967.0
Hamilton				1,661	998.2	184.0	410.0	1,408.2
Hancock				1,254	809.3	437.0	12,899.0	13,708.3
Hardin				. 564	476.1	123.0	4,763.0	5,239.1
Henderson				313	1,054.4	191.0	21,388.0	22,442.4
Henry				458	993.8	267.0	857.0	1,850.8
Iroquois				143	547.5	579.0	2,539.0	3,086.5
Jackson				1,580	5,100.2	340.0	4,172.0	9,272.2
Jasper				1,318	2,659.1	253.0	930.0	3,589.1
Jefferson			8,100.0	2,378	1,640.4	182.0	309.0	10,049.4
Jersey				1,036	2,209.8	172.0	5,982.0	8,191.8
.loDaviess				257	16173	324.0	11 702 0	13 310 3
Johnson				1.929	3,075.5	174 0	524 0	3 599 5
Kane				569	7 866	291.0	16220	2 620 7
Kankakee				172	559.5	282.0	3,033.0	3,592.5
Kendall				197	323.9	160.0	1,199.0	1,522.9
Knox				1,676	2,861.7	312.0	1,175.0	4,036.7
Lake	546,918.0			1,173	14,747.8	188.0	1,093.0	562,758.8
LaSalle				929	3,620.2	449.0	6,731.0	10,351.2
Lawrence				277	720.7	202.0	1,517.0	2,237.7
Lee				421	814.2	290.0	2,288.0	3,102.2
Livingston				401	778.7	527.0	2,515.0	3,293.7
Logan				193	461.5	225.0	877.0	1,338.5
Macon				211	3,402.9	246.0	780.0	4,182.9
Macoupin				2,821	4,493.4	441.0	758.0	5,251.4
Madison				2,289	6,778.1	347.0	4,041.0	10,819.1
Marion				1,866	3,327.0	314.0	530.0	3,857.0
Marshall				168	6,174.9	192.0	2,705.0	8,879.9
Mason				319	14,246.9	159.0	2,360.0	16,606.9

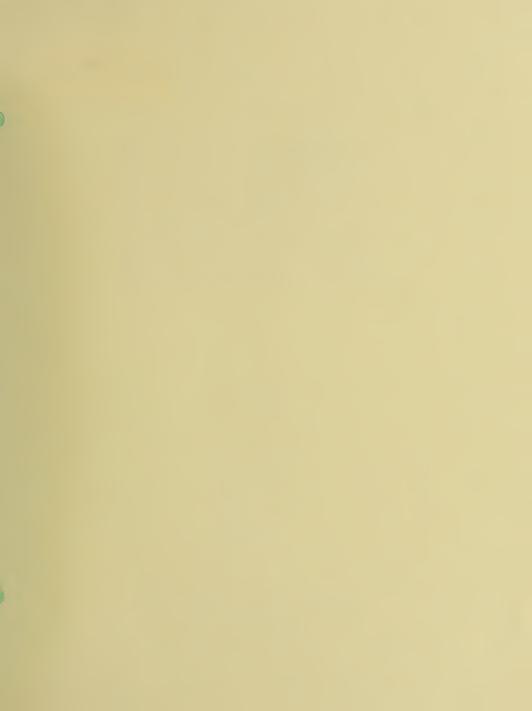
TABLE 6. Continued.

STREAMS	TOTAL	Miles Acres ACRES	119.0 6,819.0 8,186.2	584.0	1,429.0	1,007.0	828.0	275.0 6,851.0 8,383.4		321 7850 5,815.7	913.0		3,551.0	9,622.0	251.0 424.0 2,714.9	540.0	11,977.0	5,686.0	4,744.0	66.0 1,363.0 8,623.9	265.0 8,278.0 11,440.6		14,359.0	242.0	1,611.0	178.0 1,878.0 3,429.1	1,271.0	316.0 729.0 7,257.1	499.0	319.0 2,608.0 6,609.1	
IMPOUNDMENTS		Acres	1,367.2	821.0	4,519.6	2,575.5	633.1	1,532.4	2 122 0	5,030.7	2,922.7	248.6	332.2	1,714.9	2,290.9	177.1	2,940.6	982.9	676.3	7,260.9	3,162.6	1,978.1	881.9	2,401.7	5,660.7	1,551.1	628.7	978.1	190.4	4,001.1	
		No.	1,006	652	851	597	375	809	1 664	1 162	920	250	176	1,023	1,558	84	2,118	1,124	862	117	1,363	296	360	1,294	1,086	1,082	457	742	94	1,598	
RESERVOIRS		No. Acres										5,550.0																1 5,550.0			
LAKE MICHIGAN RE		Acres																													
		COUNTY	Massac	McDonough	McHenry	McLean	Menard	Mercer	Monday	Montgomen	Morgan	Moultrie	Ogle	Peoria	Perry	Piatt	Pike	Pope	Pulaski	Putnam	Randolph	Richland	Rock Island	Saline	Sangamon	Schuyler	Scott	Shelby	Stark	St. Clair	

TABLE 6. Continued.

	LAKE MICHIGAN	RESER	RESERVOIRS	IMPOUN	MPOUNDMENTS	STRE	STREAMS	
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	TOTAL
Union				2,224	3,395.4	212.0	2,976.0	6,371.4
Vermilion				274	2,160.0	423.0	2,100.0	4,260.0
Wabash				519	361.9	105.0	2,255.0	2,616.9
Warren				350	749.5	265.0	904.0	1,653.5
Washington				1,524	1,834.9	322.0	822.0	2,656.9
Wayne				2,304	1,789.3	350.0	981.0	2,770.3
White				939	997.3	254.0	3,592.0	4,589.3
Whiteside				167	874.6	339.0	8,332.0	9,206.6
Will				1,130	7,110.6	478.0	5,821.0	12,931.6
Williamson				2,095	12,618.7	194.0	432.0	13,050.7
Winnebago				231	1,213.6	256.0	3,031.0	4,244.6
Woodford				434	1,526.7	273.0	0.099,9	8,186.7
State Total	976,640.0	က	3 54,580.0	90,158	261,603.6	26,443.0	325,000.0	1,617,823.6





UNIVERSITY OF ILLINOIS-URBANA

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1999 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES



APR 2 7 1367

DIVISION OF FISHERIES APRIL 2000

FUNDED IN PART THROUGH FEDERAL AID IN SPORT FISH RESTORATION PROJECT F-89-P

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1999 INVENTORY OF ILLINOIS SURFACE WATER RESOURCES

INTRODUCTION

The first Illinois surface water inventory was published by the Division of Fisheries in February 1964 as Special Fisheries Report Number 1. District biologists collected the data for this first inventory from aerial photographs on file in each county Agricultural Stabilization and Conservation Service office, from interviews with county Soil Conservation Service personnel and from data in their own district files. The original 1964 inventory has been continuously updated according to annual new pond construction.

This 1999 Inventory of Illinois Surface Water Resources updates the surface water inventory to include all waters in the state as of December 31, 1999. The basis for this update is the "new impoundment construction data" collected for each county by the district fisheries managers and published annually. At the end of each year, the biologists contact each county Natural Resource Conservation Service office, as well as other agencies, and compile a list of all new impoundments built during the past year for each county. The data collected includes the size of the new impoundment in acres and the ownership classification.

Revisions were made for existing impoundments that have had changes in ownership classification or acreage. Stream miles and acreages were revised significantly in 1989 according to more accurate estimates and again in 1993 to include the Ohio River.

Classification of Surface Waters

Surface waters are permanent, open bodies of water 0.1 acre or larger. They are separated from wetlands by their permanence and by their general lack of emergent woody or graminoid vegetation. There are four subclasses: Lake Michigan, Reservoir, Impoundment, and Stream.

Lake Michigan

Only about 7% of Lake Michigan is within the State of Illinois' jurisdiction and only that portion which is in Illinois is included in this inventory.

Reservoirs

This classification includes only the three Corps of Engineers reservoirs (Carlyle, Rend and Shelbyville).

Impoundments

This classification includes all standing bodies of water (lakes and ponds) constructed by artificial means or formed by nature, except Lake Michigan and the three Corps of Engineers reservoirs. Impoundments are further divided into categories according to ownership as follows:

- State: This category includes all impoundments owned or leased by the Illinois Department of Natural Resources.
- Public: This category includes all impoundments owned or leased by a government agency, other than the Illinois Department of Natural Resources, that have public access.
- Organization: This category includes all impoundments owned or leased by any
 organization. Included are sportsmen's clubs, scouts, church, civic, fraternal,
 associations, homeowner groups, country clubs, industrial, institutions, etc.
- Commercial: This category includes all impoundments privately owned or leased for which a fee is charged for fishing. These areas are licensed by the Illinois Department of Natural Resources.
- 5. **Private:** This category includes all impoundments privately owned or leased which are not operated as organizations or commercial areas.

Streams: This classification includes all flowing waters such as canals, creeks and rivers, regardless of ownership or leasing. Streams are further divided into four width categories as measured by their average width in a county. Intermittent streams are not included in the inventory.

Figure 1. State Planning Regions

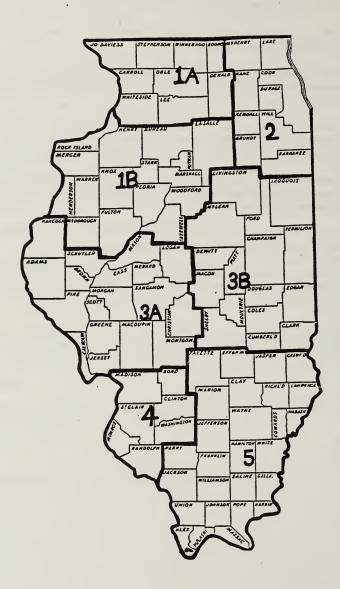


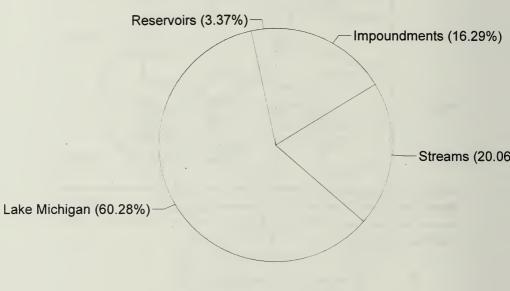
TABLE 1. ILLINOIS SURFACE WATER RESOURCES (1999)*

STATEWIDE SUMMARY

Water Type	Category	Number	Acres	Total Acres
Lake Michigan (III. portion only)		1	976,640.0	976,640.0
Reservoirs		3	54,580.0	54,580.0
Impoundments:	State Public Organization Commercial Private	513 763 2,089 508 87,280	39,728.3 81,823.9 24,537.6 3,045.7 114,761.1	
	Total	91,153	263,896.6	263,896.6
Streams	5 - 30 ft. wide 31 - 100 ft. wide 101 - 300 ft. wide 301 plus ft. wide	Miles 20,000 3,900 1,030 1,513	43,200 26,200 18,000 237,600	
	Total	26,443	325,000	325,000.0
GRAND TOTAL SUR	FACE WATER ACREAGE	***************************************		1,620,116.6

^{*} As of December 31, 1999

Fig. 2. Surface Water Acreage by Water Type



Total = 1,620,116.6 Acres

REGIONAL AND COUNTY SUMMARY OF SURFACE WATERS BY WATER TYPE

TABLE 2. Number (or Miles) and Acres of Surface Waters by Water Type (1999).

REGION SUMMARY

	LAKE MICHIGAN	RES	RESERVOIRS	100	IMPOUNDMENTS	STREAMS	AMS		
COUNTY	Acres	è	Acres	ò	Acres	Miles	Acres	ACRES	(ACRES)
1-A		1		1,934	11,417.4	2,438.0	43,680.0	55,097.4	3.40%
1-8		i		10,649	48,297.4	4,337.0	81,830.0	130,127.4	8.03%
2	976,640.0	ł		6,590	42,438.5	2,530.0	21,890.0	1,040,968.5	64.25%
3-A			!	19,447	60,520.9	4,700.0	77,020.0	137,540.9	8.49%
3-B		_	11,100.0	6,082	21,577.5	4,925.0	16,410.0	49,087.5	3.03%
4		_	19,780.0	10,920	21,310.2	1,880.0	23,560.0	64,650.2	3.99%
5		-	23,700.0	35,531	58,334.7	5,633.0	60,610.0	142,644.7	8.81%
								II .	
lotal	9/6,640.0	က	9/6,640.0 3 54,580.0	91,153	263,896.6 26,443.0	26,443.0	325,000.0	1,620,116.6	100.00%

TABLE 2a. Number (or Miles) and Acres of Surface Waters by Water Type (1999).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

	LAKE MICHIGAN		RESERVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	TOTAL
Boone				135	564.6	110.0	321.0	885.6
Carroll				168	4,988.3	244.0	12,514.0	17,502.3
DeKalb				198	657.5	265.0	622.0	1,279.5
JoDaviess				272	1,643.6	324.0	11,702.0	13,345.6
Lee				422	820.2	290.0	2,288.0	3,108.2
Ogle				180	338.7	318.0	3,551.0	3,889.7
Stephenson				155	303.5	292.0	1,319.0	1,622.5
Whiteside				169	877.1	339.0	8,332.0	9,209.1
Winnebago				235	1,223.9	256.0	3,031.0	4,254.9
Total				1,934	11,417.4	2,438.0	43,680.0	55,097.4

TABLE 2b. Number (or Miles) and Acres of Surface Waters by Water Type (1999).

REGION 1B - COUNTY SUMMARY

REGION 1B (16 Counties)

	LAKE MICHIGAN RESERVOIRS	RESE	RVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	
COUNTY	Acres	Š.	Acres	Š.	Acres	Miles	Acres	ACRES
Bureau				279	2,281.5	409.0	2,196.0	4,477.5
Fulton				2,805	12,154.2	448.0	3,518.0	15,672.2
Henderson				316	1,057.5	191.0	21,388.0	22,445.5
Henry				459	8.966	267.0	857.0	1,853.8
Knox				1,698	2,930.0	312.0	1,175.0	4,105.0
LaSalle				684	3,626.5	449.0	6,731.0	10,357.5
Marshall				174	6,191.9	192.0	2,705.0	8,896.9
McDonough				661	830.5	307.0	584.0	1,414.5
Mercer				616	1,554.3	275.0	6,851.0	8,405.3
Peoria				1,030	1,727.9	240.0	9,622.0	11,349.9
Putnam				119	7,262.9	0.99	1,363.0	8,625.9
Rock Island				371	913.2	181.0	14,359.0	15,272.2
Stark				26	193.6	146.0	499.0	692.6
Tazewell				539	4,283.3	316.0	2,418.0	6,701.3
Warren				355	754.6	265.0	904.0	1,658.6
Woodford				446	1,538.7	273.0	0.099,9	8,198.7
Total				10.649	48 297 4	4.337.0	81 830 0	130,127.4

TABLE 2c. Number (or Miles) and Acres of Surface Waters by Water Type (1999).

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

AKE MICHIGAN RESERVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	
No. Acres	No.	Acres	Miles	Acres	TOTAL
429,722.0	1,330	7,885.5	421.0	3,479.0	441,086.5
	629	1,595.9	150.0	695.0	2,290.9
	448	4,455.8	259.0	3,519.0	7,974.8
	585	1,031.3	291.0	1,622.0	2,653.3
	177	566.3	282.0	3,033.0	3,599.3
	200	328.4	160.0	1,199.0	1,527.4
546,918.0	1,182	14,872.6	188.0	1,093.0	562,883.6
	861	4,528.7	301.0	1,429.0	5,957.7
	1,148	7,174.0	478.0	5,821.0	12,995.0
	0	40 400 F	0 0 0 0	000	1 000
976,640.0	1	1,148		7,174.0	7,174.0 478.0 (

TABLE 2d. Number (or Miles) and Acres of Surface Waters by Water Type (1999).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

	LAKE MICHIGAN RESERVOIRS	RESE	RVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	101
COUNTY	Acres	ON	Acres	è.	Acres	Miles	Acres	ACRES
Adams				2,567	2,699.5	396.0	7,344.0	10,043.5
Brown				1,117	1,157.1	180.0	1,263.0	2,420.1
Calhoun				583	4,358.1	105.0	20,838.0	25,196.1
Cass				530	4,790.7	163.0	1,650.0	6,440.7
Christian				398	4,485.2	320.0	1,103.0	5,588.2
Greene				1,309	1,195.9	274.0	2,683.0	3,878.9
Hancock				1,259	818.8	437.0	12,899.0	13,717.8
Jersey				1,051	2,228.3	172.0	5,982.0	8,210.3
Logan				196	464.3	225.0	877.0	1,341.3
Macoupin				2,830	4,539.0	441.0	758.0	5,297.0
Mason				319	14,246.9	159.0	2,360.0	16,606.9
Menard				385	652.4	126.0	828.0	1,480.4
Montgomery				1,172	5,051.0	321.0	785.0	5,836.0
Morgan				934	2,961.0	255.0	913.0	3,874.0
Pike				2,138	2,989.5	369.0	11,977.0	14,966.5
Sangamon				1,107	5,694.7	428.0	1,611.0	7,305.7
Schuyler				1,093	1,557.7	178.0	1,878.0	3,435.7
Scott				459	630.8	151.0	1,271.0	1,901.8
Total	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	l		19 447	60 520 9	4 700 0	0.000.77	137 540 9
1000					00,00	2.20.1	V.V-0, 11	0.010, 101

TABLE 2e. Number (or Miles) and Acres of Surface Waters by Water Type (1999).

REGION 3B - COUNTY SUMMARY

REGION 3B (16 Counties)

	LAKE MICHIGAN RESERVOIRS	RES	RVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	MS	1
COUNTY	Acres	è.	Acres	No.	Acres	Miles	Acres	ACRES
Champaign				179	833.9	475.0	1,664.0	2,497.9
Clark				1,184	1,797.1	269.0	874.0	2,671.1
Coles				326	981.2	240.0	833.0	1,814.2
Cumberland				856	791.6	181.0	514.0	1,305.6
DeWitt				234	5,149.8	174.0	430.0	5,579.8
Douglas				170	304.2	194.0	605.0	909.2
Edgar				257	480.9	287.0	406.0	886.9
Ford				86	220.7	174.0	616.0	836.7
Iroquois				145	550.5	579.0	2,539.0	3,089.5
Livingston				407	791.8	527.0	2,515.0	3,306.8
Macon				227	3,428.2	246.0	780.0	4,208.2
McLean				612	2,618.1	466.0	1,007.0	3,625.1
Moultrie			5,550.0	252	250.8	168.0	258.0	6,058.8
Piatt				88	183.0	206.0	540.0	723.0
Shelby		-	5,550.0	692	1,031.0	316.0	729.0	7,310.0
Vermilion				278	2,164.7	423.0	2,100.0	4,264.7
Total		-	11.100.0	6.082	21.577.5	4 9	25.0	1 2

TABLE 2f. Number (or Miles) and Acres of Surface Waters by Water Type (1999).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

	LAKE MICHIGAN		RESERVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	
COUNTY	Acres	Š	Acres	ò	Acres	Miles	Acres	ACRES
Bond		l	850.0	1,378	2,196.2	204.0	457.0	3,503.2
Clinton		-	18,930.0	1,000	929.7	201.0	1,257.0	21,116.7
Madison				2,339	6,898.6	347.0	4,041.0	10,939.6
Monroe				1,675	2,136.6	222.0	6,097.0	8,233.6
Randolph				1,376	3,192.3	265.0	8,278.0	11,470.3
St. Clair				1,615	4,048.1	319.0	2,608.0	6,656.1
Washington				1,537	1,908.7	322.0	822.0	2,730.7
Total		-	1 19 780 0	10 920	21 310 2	21 310 2 1 880 0	23 560 0	64 650 2

TABLE 2g. Number (or Miles) and Acres of Surface Waters by Water Type (1999).

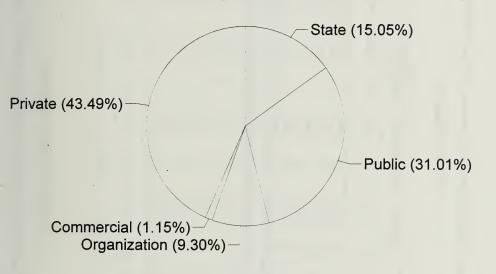
REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

	LAKE MICHIGAN RESERVOIRS	RESI	ERVOIRS	IMPOUN	IMPOUNDMENTS	STREAMS	AMS	TOTAL
COUNTY	Acres	ė	Acres	No.	Acres	Miles	Acres	ACRES
Alexander				417	2,354.5	118.0	9,880.0	12,234.5
Clay				1,165	910.3	308.0	777.0	1,687.3
Crawford				1,347	1,034.1	263.0	1,362.0	2,396.1
Edwards				820	520.3	143.0	336.0	856.3
Effingham				1,074	1,371.4	238.0	515.0	1,886.4
Fayette		ļ	4,800.0	1,325	1,931.0	367.0	1,255.0	7,986.0
Franklin		-	10,800.0	1,730	2,337.8	162.0	299.0	13,736.8
Gallatin				465	660.2	144.0	4,197.0	4,857.2
Hamilton				1,673	1,010.0	184.0	410.0	1,420.0
Hardin				266	476.9	123.0	4,763.0	5,239.9
Jackson				1,585	5,107.2	340.0	4,172.0	9,279.2
Jasper				1,328	2,691.5	253.0	930.0	3,621.5
Jefferson		ŀ	8,100.0	2,403	1,681.4	182.0	309.0	10,090.4
Johnson				1,948	3,092.6	174.0	524.0	3,616.6
Lawrence				777	724.7	202.0	1,517.0	2,241.7
Marion				1,881	3,342.3	314.0	530.0	3,872.3
Massac				1,011	1,372.3	119.0	6,819.0	8,191.3
Perry				1,586	2,348.2	251.0	424.0	2,772.2
Pope				1,131	987.4	229.0	5,686.0	6,673.4
Pulaski				883	702.3	112.0	4,744.0	5,446.3
Richland				982	2,003.5	170.0	383.0	2,386.5
Saline				1,304	2,410.6	122.0	242.0	2,652.6
Union				2,248	3,453.8	212.0	2,976.0	6,429.8
Wabash				522	364.9	105.0	2,255.0	2,619.9
Wayne				2,319	1,805.6	350.0	981.0	2,786.6
White				941	998.8	254.0	3,592.0	4,590.8
Williamson				2,100	12,641.1	194.0	432.0	13,073.1
Total		-	23,700.0	35,531	58,334.7	5,633.0	60,610.0	142,644.7

REGIONAL AND COUNTY SUMMARY OF IMPOUNDMENTS BY OWNERSHIP CATEGORY

Fig. 3. Impoundment Acreage by Ownership Category



Total = 263,896.6 Acres

TABLE 3. Number and Acres of Impoundments by Ownership Category (1999).

REGION SUMMARY

		State	<u>a</u>	Public	Organ	Organization	Com	Commercial	<u>Ф</u>	Private	To	Total
County	N _O	No. Acres No. Acre	ò	Acres	No.	Acres	No.	No. Acres	Š.	Acres	No.	Acres
1-A	15	694.6	34	4,944.3	9	2,388.7	22	218.1	1,803	3,171.7	1,934	11,417.4
1-B	62	12,948.1	53	9,222.3	408	4,103.5	64	645.7	10,062	21,377.8	10,649	48,297.4
2	234	5,426.2	343	14,302.4	947	10,698.6	91	376.3	4,975	11,635.0	6,590	42,438.5
3-A	28	5,872.5	105	23,132.9	162	2,361.4	6	591.7	19,055	28,562.4	19,447	60,520.9
3-B	48	5,494.6	86	8,684.6	199	1,509.3	37	170.5	5,712	5,718.5	6,082	21,577.5
4	9	2,721.3	30	1,655.9	189	1,570.9	122	707.4	10,573	14,654.7	10,920	21,310.2
5	120	6,571.0	112	19,881.5	124	1,905.2	75	336.0	35,100	29,641.0	35,531	58,334.7
Total	513	20 779 3		763 81 873 0 2 080	000.0	24 537 6	603	2 045 7	Į.	07 700 414 764 4	04 450	9 900 696

TABLE 3a. Number and Acres of Impoundments by Ownership Category (1999).

REGION 1A - COUNTY SUMMARY

REGION 1A (9 Counties)

	0,	State	Pu	Public	Organ	Organization	Com	Commercial	Ţ	Private	<u>-</u>	Total
County	N O	Acres	Š	Acres	No.	Acres	Š	Acres	Ö	Acres	Š	Acres
			d		C	ASER	-	40	126	135.6	135	564.6
one	0	0.0	7	4.7	0	423.0	- ,	- 6	200	400 7	168	A 988 3
lloui	-	1.0	4	3,970.0	-	0.009	-	0.0	0	400.7	9 6	100
10.7		3337	A	14.3	œ	28.0	S	38.7	178	243.8	198	6.769
Dekalb	n (332.	٠ ٦	0.503	, c	6210	<u> </u>	0.0	265	519.6	272	1,643.6
Daviess	o (0.0	1 (0.00) L	2 88	· (c	57.4	411	674.3	422	820.2
e	0	0.0	>	0.0	O ·	000.0	0 (7000	180	338 7
0	C	00	2	2.0	ω	83.0	7	74.0	001	1.677	3 !	
	7	¥ C.V	· <	10.0	c	10.0	0	0.0	148	231.1	155	303.5
epnenson	- (1.0		20.00	. <	11.5	~	16.0	152	344.5	169	877.1
/hiteside	9	d./UL	4	201.0	*	7	٠ ،	1 - 1	100	204.4	235	1 223 0
finnebago	4	209.9	10	66.1	23	491.1	4	12.4	184	304.4	223	1,522
				1044.0	0	7 200 7	22	218 1	1 803	3.171.7	1.934	11,417.4
1040	4	6946	34	4 944.3	000	7.300.7	77	0.7	20.			

TABLE 3b. Number and Acres of Impoundments by Ownership Category (1999).

REGION 1B - COUNTY SUMMARY

REGION 1B (16 Counties)

1												
County I	Š	Acres	Š	Acres	No.	Acres	No.	Acres	Š	Acres	No.	Acres
ureau	4	564.0	-	724.5	17	231.2	0	0.0	257	761.8	279	2,281.5
Fulton	2	2,746.8	7	295.4	132	773.1	18	523.1	2,646	7,815.8	2,805	12,154.2
enderson	_	27.0	2	144.7	-	375.0	0	0.0	312	510.8	316	1,057.5
enry	00	67.5	2	6.5	45	212.7	0	0.0	404	710.1	459	996.8
nox	31	303.1	2	134.3	116	585.1	_	19.5	1,548	1,888.0	1,698	2,930.0
aSalle	-	2,058.0	က	. 78.2	14	398.2	4	11.0	662	1,081.1	684	3,626.5
arshall	က	3,869.0	0	0.0	2	254.5	0	0.0	166	2,068.4	174	6,191.9
CDonough	_	95.1	4	285.9	က	7.3	က	5.0	650	437.2	991	830.5
ercer	0	0.0	က	627.0	က	190.0	4	38.0	909	699.3	616	1,554.3
eoria	0	0.0	2	35.1	56	155.7	9	7.7	993	1,529.4	1,030	1,727.9
utnam	_	55.0	2	6,615.5	4	130.5	4	0.8	105	461.1	119	7,262.9
ock Island	0	0.0	2	171.4	7	55.7	00	12.4	356	673.7	371	913.2
tark	0	0.0	0	0.0	-	25.0	0	0.0	96	168.6	26	193.6
azewell	6	3,162.0	10	59.1	30	352.2	7	15.4	483	694.6	539	4,283.3
/arren	_	9.0	က	14.7	က	322.9	0	0.0	348	416.4	355	754.6
/oodford	0	0.0	_	30.0	9	34.4	6	12.8	430	1,461.5	446	1,538.7

TABLE 3c. Number and Acres of Impoundments by Ownership Category (1999).

REGION 2 - COUNTY SUMMARY

REGION 2 (9 Counties)

	5,	State	Pu	Public	Organ	Organization	Com	Commercial	Ā	Private	2	Total
County	Š	Acres	Š	Acres	Š	Acres	Š	Acres	Š.	Acres	Š.	Acres
ook	5	406.2	139	4,666.8	293	1,262.2	-	36.5	882	1,513.8	1,330	7,885.5
DuPage	0	0.0	93	619.7	166	503.9	6	13.1	391	459.2	629	1,595.9
Srundy	198	2,262.1	_	1.3	06	856.1	2	0.09	157	1,276.3	448	4,455.8
ane	0	0.0	16	142.9	63	279.8	44	36.2	462	572.4	282	1,031.3
ankakee	0	0.0	4	12.3	Ξ	138.6	2	27.5	157	387.9	177	566.3
endall	10	31.9	4	13.9	12	48.8	0	0.0	174	233.8	200	328.4
ake	17	280.7	28	7,167.8	124	4,545.0	4	28.6	979	2,850.5	1,182	14,872.6
1cHenry	-	47.0	16	1,314.4	34	2,042.5	10	22.6	800	1,102.2	861	4,528.7
Vill	3	2,398.3	12	363.3	154	1,021.7	9	151.8	973	3,238.9	1,148	7,174.0
Fotal	234	5,426.2	343	343 14,302.4	947	10,698.6	91	376.3	4,975	11,635.0	6,590	42,438.5

TABLE 3d. Number and Acres of Impoundments by Ownership Category (1999).

REGION 3A - COUNTY SUMMARY

REGION 3A (18 Counties)

		State	Pu	Public	Organ	Organization	Comr	Commercial	٩	Private	<u> </u>	Total
County	Š.	Acres	Š	Acres	Š	Acres	Š.	Acres	Š	Acres	Š	Acres
Adams	-	58.0	_	30.6	10	94.0	2	98.5	2,544	2,418.4	2,567	2,699.5
Brown	0	0.0	-	26.1	0	0.0	က	4.5	1,113	1,126.5	1,117	1,157.1
Calhoun	0	0.0	10	2,943.1	22	703.4	0	0.0	551	711.6	583	4,358.1
Cass	2	834.6	2	627.0	7	32.0	2	4.0	513	3,293.1	530	4,790.7
Christian	က	2,551.1	10	1,403.1	2	70.0	7	73.4	373	387.6	398	4,485.2
Greene	0	0.0	2	103.7	00	18.5	2	7.7	1,294	1,066.0	1,309	1,195.9
Hancock	_	12.6	2	78.0	-	0.3	2	20.0	1,250	677.9	1,259	818.8
Jersey	0	0.0	80	1,369.1	4	34.8	15	59.8	1,024	764.6	1,051	2,228.3
Logan	0	0.0	0	0.0	80	131.8	10	81.9	178	250.6	196	464.3
Macoupin	_	9.99	15	1,449.6	56	403.4	23	121.7	2,765	2,507.7	2,830	4,539.0
Mason	17	1,103.3	2	5,947.5	7	52.9	_	0.5	294	7,142.7	319	14,246.9
Menard	0	0.0	က	2.2	16	252.9	0	0.0	366	397.3	385	652.4
Montgomery	_	1,102.0	9	2,740.3	9	50.3	9	12.0	1,149	1,146.4	1,172	5,051.0
Morgan	0	0.0	7	1,857.5	80	166.8	7	4.7	917	932.0	934	2,961.0
Pike	0	0.0	9	262.6	က	35.5	4	45.0	2,125	2,649.4	2,138	2,989.5
Sangamon	_	150.5	14	4,288.7	21	99.1	15	31.0	1,056	1,125.4	1,107	5,694.7
Schuyler	_	3.8	-	3.8	7	19.7	0	0.0	1,089	1,530.4	1,093	1,557.7
Scott	0	0.0	0	0.0	5	196.0	0	0.0	454	434.8	459	630.8
Total	28	5 872 5	105	23 132 9	162	2 361 4	45	5917	19 055	28 562 4	19 447	60 520 9
Iotal	07	0,012.0	2	23, 132.9	701	4,301.4	78	71.60	ccn'sı	40,302.4		19,447

TABLE 3e. Number and Acres of Impoundments by Ownership Category (1999).

REGION 3B - COUNTY SUMMARY

REGION 3B (16 Counties)

	,		-	2	Oi gaintauloii	7000		Collinercial	Ē	riivate	0.0	<u> </u>
County	Š.	Acres	Š	Acres	No.	Acres	Š	Acres	Š.	Acres	No.	Acres
hampaign	-	0.8	10	255.9	26	312.9	2	22.0	137	242.3	179	833.9
Clark	-	145.6	က	815.1	œ	25.1	0	0.0	1,172	811.3	1,184	1,797.1
oles	2	14.4	2	627.0	6	19.2	0	0.0	310	320.6	326	981.2
umberland	0	0.0	က	340.2	4	16.2	-	4.0	848	431.2	856	791.6
eWitt	2	4,924.4	4	14.5	5	19.7	က	5.0	215	186.2	234	5,149.8
ouglas	-	58.7	0	0.0	က	46.3	0	0.0	166	199.2	170	304.2
dgar	0	0.0	7	219.5	က	9.0	0	0.0	252	252.4	257	480.9
ord	0	0.0	0	0.0	2	30.0	_	5.0	92	185.7	86	220.7
odnois	0	0.0	-	1.0	9	270.3	4	41.0	130	238.2	145	550.5
vingston	0	0.0	က	9.1	4	8.0	2	21.6	395	753.1	407	791.8
acon	0	0.0	9	3,101.2	9	18.7	_	1.0	214	307.3	227	3,428.2
cLean	-	158.0	2	1,587.7	16	109.9	ω	52.3	582	710.2	612	2,618.1
oultrie	5	4.5	22	42.3	9	26.4	0	0.0	215	177.6	252	250.8
att	0	0.0	7	24.1	က	2.5	-	1.3	77	155.1	88	183.0
nelby	4	3.7	2	523.3	2	23.7	4	6.3	751	474.0	169	1,031.0
ermilion	31	184.5	9	1,123.7	11	571.4	4	11.0	156	274.1	278	2,164.7

TABLE 3f. Number and Acres of Impoundments by Ownership Category (1999).

REGION 4 - COUNTY SUMMARY

REGION 4 (7 Counties)

		State	Pu	Public	Organi	Organization	Com	Commercial	ā	Private	T _o	Total
ounty	Š.	No. Acres No. Acres	S S	Acres	No.	Acres	No.	Acres	No. Acres No. Acre	Acres	No.	Acres
	6		c	1 000	1	48.1	00		1.361	1,280.5	1,378	2,196.2
Sond	o (9.0	4 0	- 000	- Ç	24.5	· -	4.5	987	890.7	1.000	929.7
linton	0	0.0	>	0.0	<u> </u>	2.4.0	- 6	2	3200	E 252 7	2 330	6 898 6
Jadison	C	0.0	о	583.5	48	853.4	97	108.0	007'7	0,000.7	6,00	0.00
Managar			4	46.9	49	176.8	30	81.0	1,592	1,831.9	1,675	2,136.6
aouioi	> (0.0	•	2.00		67.6	0	105.0	1 352	1 573.9	1.376	3.192.3
andolph	3	1,351.3	າ	94.0		0.70		0.00	100	1,000,0	1 615	A DAR
Clair	2	1.122.0	00	56.2	29	356.7	40	280.5	anc'L	7,252.1	0,1	0,0
Vachington	-	248.0	4	74.7	2	33.8	∞	6.09	1,519	1,491.3	1,537	1,908.
5				B .		11					000	2,0
Cotal	Ç	2.721.3	30	1,655.9	189	1,570.9	122	707.4	10,573	14,654.7	10,920	2.016,12

TABLE 3g. Number and Acres of Impoundments by Ownership Category (1999).

REGION 5 - COUNTY SUMMARY

REGION 5 (27 Counties)

Ť		State	4	Public	Organ	Organization	Com	Commercial	Δ.	Private	Total	tal
County	O	Acres	o N	Acres	No.	Acres	Š.	Acres	No.	Acres	N _o	Acres
Alexander	-	1,890.0	2	12.6	-	18.8	2	7.5	411	425.6	417	2,354.5
Clay	0	0.0	7	11.4	9	116.4	0	0.0	1,157	782.5	1,165	910.3
Crawford	0	0.0	7	7.4	7	51.3	0	0.0	1,338	975.4	1,347	1,034.1
Edwards	0	0.0	4	44.2	က	27.4	0	0.0	813	448.7	820	520.3
∃ffingham	0	0.0	7	0.909	4	15.6	9	43.0	1,062	706.8	1,074	1,371.4
ayette	7	53.9	2	761.1	4	25.4	က	22.5	1,306	1,068.1	1,325	1,931.0
Franklin	-	0.4	15	805.9	7	164.9	က	42.5	1,704	1,324.1	1,730	2,337.8
Sallatin	0	0.0	7	49.6	-	10.2	0	0.0	462	600.4	465	660.2
Hamilton	33	85.2	က	78.6	0	0.0	က	10.6	1,634	835.6	1,673	1,010.0
Hardin	0	0.0	7	15.0	0	0.0	32	30.1	529	431.8	999	476.9
ackson	7	155.5	4	2,894.5	13	429.8	7	6.5	1,559	1,620.9	1,585	5,107.2
lasper	2	1,885.5	-	1.1	4	24.5	0	0.0	1,318	780.4	1,328	2,691.5
lefferson	7	19.0	4	127.2	4	233.5	0	0.0	2,388	1,301.7	2,403	1,681.4
Johnson	7	296.7	က	178.4		27.0	_	20.0	1,935	2,540.5	1,948	3,092.6
.awrence	-	40.0	-	9.0	7	71.5	0	0.0	168	604.2	777	724.7
larion	9	530.1	œ	1,628.8	12	165.6	2	14.0	1,853	1,003.8	1,881	3,342.3
assac	_	452.0	0	0.0	4	46.6	0	0.0	1,006	873.7	1,011	1,372.3
Perry	52	134.7	7	348.0	9	39.3	0	0.0	1,553	1,826.2	1,586	2,348.2
obe	0	0.0	9	307.5	0	0.0	_	8.0	1,124	671.9	1,131	987.4
ulaski	0	0.0	-	4.6	-	3.4	7	30.0	874	664.3	883	702.3
Richland	0	0.0	4	1,326.2	7	2.5	0	0.0	926	674.8	982	2,003.5
Saline	-	105.0	13	435.8	4	45.8	2	21.0	1,281	1,803.0	1,304	2,410.6
Jnion	17	729.0	2	1,025.0	7	5.9	0	0.0	2,224	1,693.9	2,248	3,453.8
Nabash	0	0.0	7	3.9	က	113.8	0	0.0	517	247.2	522	364.9
Nayne	-	194.0	7	14.3	2	51.8	0	0.0	2,311	1,545.5	2,319	1,805.6
White	0	0.0	2	34.8	7	55.9	0	0.0	934	908.1	941	938.8
Villiamson	0	0.0	12	9,150.6	20	158.3	2	50.3	2,063	3,281.9	2,100	12,641.1
Total	120	6.571.0	112	19 881 5	124	1 905 2	75	336.0	35 100	29 641 0	35 531	58.334 7
100	2	2		20.00						200		

NUMBER AND ACRES OF IMPOUNDMENTS BY SIZE CATEGORY

Table 4. Number and Acres of Impoundments by Size Categories (1999)

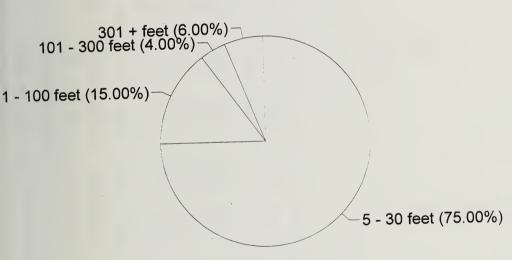
Oine Catamanian	А	rtificial	Na	itural
Size Categories Acres	Number	Total Acreage	Number	Total Acreage
0.1 to 0.4	43,870	9,980.4	1,526	386.9
0.5 to 0.9	20,789	13,148.7	838	581.7
1.0 to 5.9	19,685	38,160.1	1,192	2,995.2
6.0 to 10.9	1,260	9,701.9	202	1,639.7
11.0 to 40.9	992	18,443.4	307	6,293.9
41.0 to 100.9	163	9,690.2	90	5,623.9
101.0 to 500.9	87	17,871.6	76	15,529.3
501 plus	43	65,798.6	33	48,051.1
TOTAL PERCENT	86,889 95.32%	182,794.9 69.27%	4,264 4.68%	81,101.7 30.73%

COMBINED TOTAL OF ARTIFICIAL AND NATURAL IMPOUNDMENTS

Size Categories Acres	Number	Percent	Acreage	Percent
0.1 to 0.4	45,396	49.80%	10,367.3	3.93%
0.5 to 0.9	21,627	23.73%	13,730.4	5.20%
1.0 to 5.9	20,877	22.90%	41,155.3	15.60%
6.0 to 10.9	1,462	1.60%	11,341.6	4.30%
11.0 to 40.9	1,299	1.43%	24,737.3	9.37%
41.0 to 100.9	253	0.28%	15,314.1	5.80%
101.0 to 500.9	163	0.18%	33,400.9	12.66%
501 plus	76	0.08%	113,849.7	43.14%
TOTAL	91,153	100.00%	263,896.6	100.00%
Ponds (0.1 to 5.9 acres)	87,900	96.43%	65,253.0	24.73%
Lakes (6.0 acres plus)	3,253	3.57%	198,643.6	75.27%

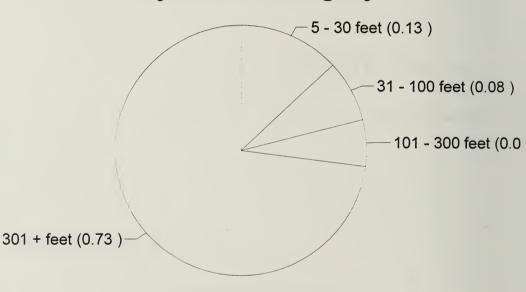
REGIONAL SUMMARY OF STREAMS BY WIDTH CATEGORY

Fig. 4. Miles of Streams by Width Category



Total = 26,443 Miles

Fig. 5. Acres of Streams by Width Category



Total = 325,000 Acres

TABLE 5. Miles and Acres of Streams by Width Categories (1999)

REGION SUMMARY

	5-30 ft. wide	. wide	31-100 ft. wide	ft. wide	101-300 ft. wide	ft. wide	301 plus	301 plus ft. wide	1	Total
Region	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres	Miles	Acres
,	1 020	2 700	000	2 450	144	10.0				
<u> </u>	000'-	087'6	780	7,150	115	1,6/0	203	36,070	2,438	43,680
1-B	3,120	7,630	800	5,560	115	1,680	302	096'99	4,337	81,830
2	1,980	5,450	200	1,730	200	4,710	150	10,000	2,530	21,890
3-A	3,410	7,120	805	5,080	165	3,050	320	61,770	4.700	77,020
3-B	3,950	8,700	840	5,570	110	1,610	25	530	4,925	16.410
4	1,370	2,630	285	1,600	115	2,260	110	17,070	1,880	23,560
2	4,340	7,880	089	4,510	210	3,020	403	45,200	5,633	60,610
	0									
lotal	20,000	43,200	3,900	26,200	1,030	18,000	1,513	237,600	26,443	325,000

ALPHABETICAL LISTING BY COUNTY OF SURFACE WATERS BY WATER TYPES



TABLE 6. Alphabetical Listing by County of Surface Waters, by Water Types (1999)

		NEOLI	KESEKVOIKS	IMPOUNDMENIS	MENIO	SINEAMS	AMO	1
COUNTY	Acres	Š.	Acres	No.	Acres	Miles	Acres	ACRES
Adams				2,567	2,699.5	396.0	7,344.0	10,043.5
Alexander				417	2,354.5	118.0	9,880.0	12,234.5
Bond			850.0	1,378	2,196.2	204.0	457.0	3,503.2
Boone				135	564.6	110.0	321.0	885.6
Brown				1,117	1,157.1	180.0	1,263.0	2,420.1
Bureau				279	2,281.5	409.0	2,196.0	4,477.5
Calhoun				583	4,358.1	105.0	20,838.0	25,196.1
Carroll				168	4,988.3	244.0	12,514.0	17,502.3
Cass				530	4,790.7	163.0	1,650.0	6,440.7
Champaign				179	833.9	475.0	1,664.0	2,497.9
Christian				398	4.485.2	320.0	1,103.0	5.588.2
Clark				1,184	1,797.1	269.0	874.0	2,671.1
Clay				1,165	910.3	308.0	0.777	1,687.3
Clinton		-	18,930.0	1,000	929.7	201.0	1,257.0	21,116.7
Coles				326	981.2	240.0	833.0	1,814.2
Cook	429,722.0			1,330	7,885.5	421.0	3,479.0	441,086.5
Crawford				1,347	1,034.1	263.0	1,362.0	2,396.1
Cumberland				856	791.6	181.0	514.0	1,305.6
DeKalb				198	657.5	265.0	622.0	1,279.5
DeWitt				234	5.149.8	174.0	430.0	5,579.8
Douglas				170	304.2	194.0	605.0	909.2
DuPage				629	1,595.9	150.0	695.0	2,290.9
Edgar				257	480.9	287.0	406.0	886.9
Edwards				820	520.3	143.0	336.0	856.3
Effingham				1,074	1,371.4	238.0	515.0	1,886.4
Fayette			4,800.0	1,325	1,931.0	367.0	1,255.0	7,986.0
Ford				98	220.7	174.0	616.0	836.7
Franklin		-	10,800.0	1,730	2,337.8	162.0	599.0	13,736.8
Fulton				2,805	12,154.2	448.0	3,518.0	15,672.2
Gallatin				465	660.2	144.0	4,197.0	4,857.2

TABLE 6. Continued.

LAKE MICHIGAN	RESERVOIRS	VOIRS	IMPOUNDMENTS	MENTS	STREAMS	AMS	
Acres	o N	Acres	o N	Acres	Miles	Acres	ACRES
			1,309	1,195.9	274.0	2,683.0	3,878.9
			448	4,455.8	259.0	3,519.0	7,974.8
			1,673	1,010.0	184.0	410.0	1,420.0
			1,259	818.8	437.0	12,899.0	13,717.8
			999	476.9	123.0	4,763.0	5,239.9
			316	1,057.5	191.0	21,388.0	22,445.5
			459	8.966	267.0	857.0	1,853.8
			145	550.5	579.0	2,539.0	3,089.5
			1,585	5,107.2	340.0	4,172.0	9,279.2
			1,328	2,691.5	253.0	930.0	3,621.5
		8,100.0	2,403	1,681.4	182.0	309.0	10,090.4
			1,051	2,228.3	172.0	5,982.0	8,210.3
			272	1,643.6	324.0	11,702.0	13,345.6
			1,948	3,092.6	174.0	524.0	3,616.6
			585	1,031.3	291.0	1,622.0	2,653.3
			177	566.3	282.0	3,033.0	3,599.3
			200	328.4	160.0	1,199.0	1,527.4
			1,698	2,930.0	312.0	1,175.0	4,105.0
546,918.0			1,182	14,872.6	188.0	1,093.0	562,883.6
			684	3,626.5	449.0	6,731.0	10,357.5
			777	724.7	202.0	1,517.0	2,241.7
			422	820.2	290.0	2,288.0	3,108.2
			407	791.8	527.0	2,515.0	3,306.8
			196	464.3	225.0	877.0	1,341.3
			227	3,428.2	246.0	780.0	4,208.2
			2,830	4,539.0	441.0	758.0	5,297.0
			2,339	6,898.6	347.0	4,041.0	10,939.6
			1,881	3,342.3	314.0	530.0	3,872.3
			174	6,191.9	192.0	2,705.0	8,896.9
			319	14,246.9	159.0	2,360.0	16,606.9

Massac No. Acres No. Messac Mochany 661 McHenry 861 861 McLean 861 861 Mercer 616 616 Montgomery 1,675 934 Montgran Morgan 1,030 Perry Perry 1,030 Perry Pope 1,131 Pulaski Pulaski 1,137 Pulaski 883 1,137 Pulaski 1,137 1,137 Randolph Richland 1,304 Sangamon 2,550.0 769 Sangamon 2,138 1,107 Scott 2,138 1,107 Scott 1,107 371 Sangamon 1,107 371 Scott 1,107 371 Stark 1,107 371 Stark 1,107 371 Stark 1,107 459 Stark 1,107 459		LAKE MICHIGAN	RESE	RESERVOIRS	IMPOUNDMENTS	MENTS	STREAMS	AMS	14101
mery I 5,550.0 I 5,550.0 I soon I soon	OUNTY	Acres	Š	Acres	ě.	Acres	Miles	Acres	ACRES
ough mery all all and and and and and and	assac				1,011	1.372.3	119.0	6.819.0	8.191.3
mery — 5,550.0	cDonough				961	830.5	307.0	584.0	1,414.5
mery 5,550.0	cHenry				861	4,528.7	301.0	1,429.0	5,957.7
mery oh d and land ison	clean				612	2,618.1	466.0	1,007.0	3,625.1
mery 5,550.0	enard				385	652.4	126.0	828.0	1,480.4
mery 5,550.0	ercer				616	1,554.3	275.0	6,851.0	8,405.3
mery 5,550.0	onroe				1,675	2,136.6	222.0	0.760,8	8,233.6
oh d d land Inon 1 5,550.0	ontgomery				1,172	5,051.0	321.0	785.0	5,836.0
oh d d land Inon 1 5,550.0	organ				934	2,961.0	255.0	913.0	3,874.0
oh d d land non sr 1 5,550.0	oultrie			5,550.0	252	250.8	168.0	258.0	6,058.8
oh d d land noon ir 1 5,550.0	jle				180	338.7	318.0	3,551.0	3,889.7
ob d d land non sr 1 5,550.0	eoria				1,030	1,727.9	240.0	9,622.0	11,349.9
d d land non 1 5,550.0) July				1.586	2.348.2	251.0	424.0	2.772.2
d d land non sr 1 5,550.0	att				88	183.0	206.0	540.0	723.0
and land Ison	e Ke				2,138	2,989.5	369.0	11,977.0	14,966.5
oh d d land noon ir 1 5,550.0	be				1,131	987.4	229.0	5,686.0	6,673.4
d d land non if	ılaski				883	702.3	112.0	4,744.0	5,446.3
d diand land land land land land land land l	ıtnam				119	7,262.9	0.99	1,363.0	8,625.9
d land non land land land land land land land lan	hdoph				1,376	3,192.3	265.0	8,278.0	11,470.3
land 1 5,550.0 1 5,550.0 1 5,650.0	chland				982	2,003.5	170.0	383.0	2,386.5
1 5,550.0 Ison	ock Island				371	913.2	181.0	14,359.0	15,272.2
1 5,550.0 Ison	line				1,304	2,410.6	122.0	242.0	2,652.6
1 5,550.0 ISON	ngamon				1,107	5,694.7	428.0	1,611.0	7,305.7
1 5,550.0 Ison	huyler				1,093	1,557.7	178.0	1,878.0	3,435.7
1 5,550.0	ott				459	630.8	151.0	1,271.0	1,901.8
	elby		-	5,550.0	769	1,031.0	316.0	729.0	7,310.0
	ark				26	193.6	146.0	499.0	692.6
	Clair				1,615	4,048.1	319.0	2,608.0	6,656.1
	ephenson				155	303.5	292.0	1,319.0	1,622.5
	zewell				539	4,283.3	316.0	2,418.0	6,701.3

TABLE 6. Continued.

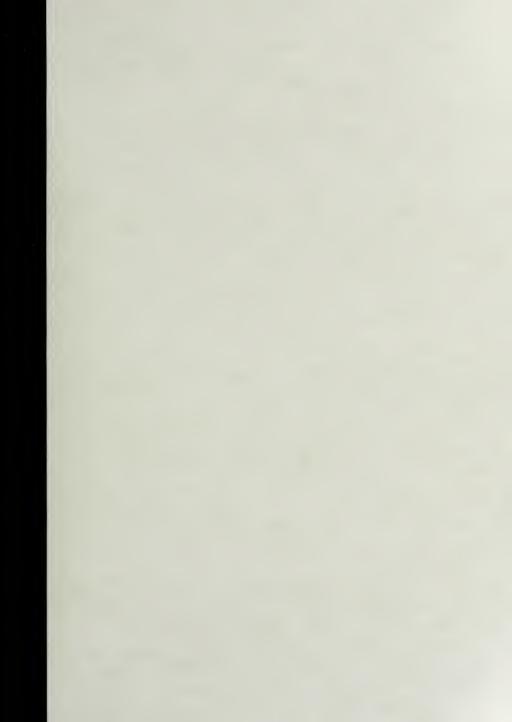
	LANE MICHIGAIN	RESER	RESERVOIRS	IMPOUN	IMPOUNDMENTS	STRE	STREAMS	
COUNTY	Acres	No.	Acres	No.	Acres	Miles	Acres	TOTAL
Union				2,248	3,453.8	212.0	2,976.0	6,429.8
Vermilion				278	2,164.7	423.0	2,100.0	4,264.7
Vabash				522	364.9	105.0	2,255.0	2,619.9
Narrėn				355	754.6	265.0	904.0	1,658.6
Washington				1,537	1,908.7	322.0	822.0	2,730.7
Vayne				2,319	1,805.6	350.0	981.0	2,786.6
White				941	8.866	254.0	3,592.0	4,590.8
Whiteside				169	877.1	339.0	8,332.0	9,209.1
VIII				1,148	7,174.0	478.0	5,821.0	12,995.0
Williamson				2,100	12,641.1	194.0	432.0	13,073.1
Winnebago				235	1,223.9	256.0	3,031.0	4,254.9
Noodford				446	1,538.7	273.0	0'099'9	8,198.7



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